

# ECG<sup>®</sup>

## Audio and Video

■ Replacement  
Parts

■ Service  
Aids





# ECG Audio and Video

## ● Replacement Parts ● Service Aids

### Introduction

This third edition of the ECG Audio and Video catalog cross references 31 popular VCR brands and over 3000 industry model/part numbers to the corresponding ECG replacement part, making this the **single, most comprehensive source of such information available in the industry.**

To facilitate the task of finding the best possible ECG replacement part for a given application, the catalog incorporates product descriptions, pictorial selector guides, specifications, cross reference sections and related replacement information.

Parts featured in the catalog comprise VCR modulators, pinch rollers, opto-sensing devices, idler wheels, assemblies and tires, individual belts and belt kits, and VHS and Beta replacement heads. **Each ECG replacement part is designed to meet or exceed the original equipment manufacturers' specifications.**

ECG service aids are engineered to help in performing critical adjustments to tape equipment and include precision adjustment tools, VCR and audio test cassettes, VCR tape repair kit, and audio/video lubricants and cleaning materials.

### New Products

#### VCR Test Cassettes (4)

- 3 VHS Alignment Tapes
- 1 See Thru Test Jig

#### VCR Repair Kits (2)

- Spring Kit
- E Clip and Washer Kit

#### Opto-Sensing Devices (4)

- 4 IR Sensing Devices

#### Idler Wheels and Assemblies (14)

#### Idler Tire (1)

#### Modulators (3)

#### Belt Kits (11)

#### Crosses (603)

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# Audio Test Cassettes

The ECG line of audio service cassettes is designed to meet or exceed original equipment manufacturers' servicing specifications for frequency stability and sound quality. Each tape is enclosed in a high impact, durable cassette case to assure a long service life.

## AR20 — Frequency Response Cassette

The **AR20** contains all the audio signals needed to test audio cassette players. Test programs are arranged in logical order and require only standard electronic service equipment. The AR20 provides a quality reference tape for measuring and adjusting player frequency response.

### Specifications

- **Reference Level:** 315 Hz @ 0 dB, 315 Hz @ -10 dB
- **Azimuth Alignment:** 6300, 8000, 10000 Hz
- **Wow and Flutter Adjustment:** 60, 3150, 3000 Hz
- **Frequency Response:** 31.5, 40, 63, 125, 250, 500, 1000, 2000, 4000, 6300, 8000, 10000, 12500, 14000, 16000, 18000, and 315 Hz



## AR30 — Dual Speed Adjustment Cassette

The **AR30** is a multipurpose tape for accurately adjusting tape speed and the azimuth of the record/play head. The built-in strobe disk indicates speed directly without the addition of expensive test equipment. Utilizing the 6.3 kHz test tone, the azimuth of the record/play head can be readily adjusted by the use of test equipment or acoustical methods.

### Specifications

- **Test Tone:** 6.3 kHz, -10 dB  $\pm$  2 dB
- **Light Source** (Strobe Disk): 60 Hz Neon or Fluorescent
- **Tape Running Time:** 2 Minutes Standard Play  
1 Minute High Speed Play



## AR40 — Torque Meter Cassette

The **AR40** measures the torque levels exerted on the audio tape when operating in the normal, fast forward or rewind modes. The unique 5-sided meter display generally enables torque readings to be taken without having to remove the mechanism from the cabinet.

### Specifications

- **Torque Measuring Range:** 0 to 100 gcm  $\pm$  5%



## AR50 — Dolby® Tone Test Cassette

The **AR50** Dolby Tone Test Cassette is designed for accurate testing and adjustment of audio tape players which use the Dolby Noise Reduction systems.

### Specifications

- **Recording Frequency:** 400 Hz
  - **Recording Level:** 200 mW
  - **Tape Running Time:** 15 Minutes
- ® = Trademark of Dolby Laboratories Inc.





### AR60 — Head Demagnetizer Cassette

The **AR60** Head Demagnetizer is a battery operated demagnetizing circuit enclosed in an audio cassette cartridge. It is designed to completely demagnetize the head in less than one second.

#### Specifications

- **Demagnetization Time:** <1 sec
- **Battery Life:**  $\approx$ 600 uses



### AR70 — Tape Path Mirror Cassette

The **AR70** provides a quick and easy check for tape path alignment on heads, guide parts and braking pads.

#### Features

- **Transparent Leader**
- **Normal C90 Tape**
- **Viewing Mirror**



### AR80 — Wow and Flutter Test Cassette

The **AR80** Wow and Flutter Test Cassette provides the stability required to detect low (wow) and high (flutter) frequency variations. It is compatible with all wow and flutter test meters.

#### Specifications

- **Tape Speed:** 1-7/8 in/sec (4.76 cm/sec)
- **Frequency Side A:** 3150 Hz  $\pm$  0.03% Max.
- **Frequency Side B:** 3000 Hz  $\pm$  0.03% Max.
- **Output Level:** -15 dB
- **Reference Level:** 0 dB @ 333 Hz
- **Tape Running Time:** 15 Minutes



### AR90 — Cleaning Cassette (with Cleaning Fluid)

The **AR90** Cleaning Cassette features a non-abrasive, non-fraying cleaning tape that evenly absorbs cleaning solution. With the ease of one pad application and see-thru cassette for cleaning tape evaluation, the AR90 is a quick and easy way to restore an audio recorder to its optimum performance level.

Replacement cleaning fluid may be ordered, Part No. CR1863T. (0.5 fl. oz.)





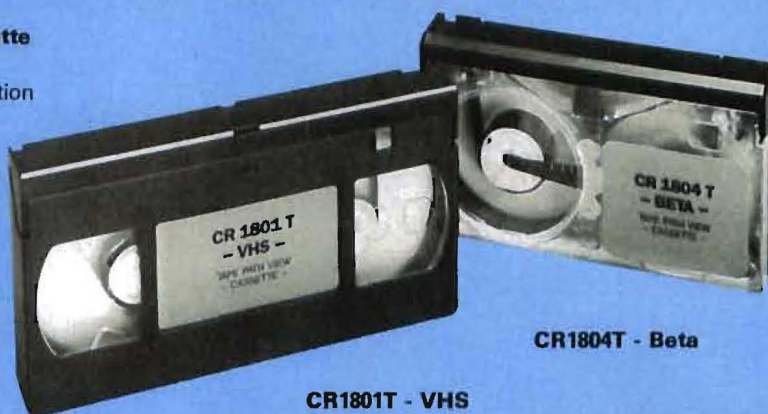
# VCR Test Cassettes — VHS and Beta

Combining a rugged, high-precision mechanical design with the very finest materials available, these durably constructed VCR performance test cassettes assure exact and repeatable results every time when making video tape path and torque adjustments.

## Tape Path View

- Viewing Window
- Removable Front Flap on VHS Cassette

The **CR1801T** and **CR1804T** permit observation of the tape as it travels from the supply reel through the VCR and back to the take-up reel.



## Torque Meter — Play

The **CR1802T** and **CR1805T** measure the torque levels exerted on a video tape when the VCR is operating in the "Play" mode. Both the take-up and back tension torques can be read directly from the two indicator scales on the top of the cassettes.



### Specifications

#### CR1802T - VHS

- Torque Measuring Range  
Back Tension: 0-80 gcm  
Take-Up: 50-250gcm
- Typ. Back Tension: 36 gcm
- Typ. Take-Up: 150 gcm

#### CR1805T - Beta

- Torque Measuring Range  
Back Tension: 5-80 gcm  
Take-Up: 10-240 gcm
- Typ. Back Tension: 20 gcm
- Typ. Take-Up: 85 gcm

## Torque Meter — Fast Forward and Rewind

The **CR1803T** and **CR1806T** measure the torque levels exerted on a video tape when the VCR is operating in the "Fast Forward" or "Rewind" mode. Both "Fast Forward" and "Rewind" torque levels can be read directly from the two indicator scales on the top of the cassettes.



### Specifications

#### CR1803T - VHS

- Torque Measuring Range  
Rewind: 100-800 gcm  
Fast Forward: 100-800 gcm
- Typ. Rewind Torque: 270 gcm
- Typ. Fast Forward Torque: 270 gcm

#### CR1806T - Beta

- Torque Measuring Range  
Rewind: 100-1200 gcm  
Fast Forward: 100-1200 gcm
- Typ. Rewind Torque: Above 700 gcm
- Typ. Fast Forward Torque: Above 700 gcm



### Alignment Tapes — SP/EP Mode

The **CR1808T** and **CR1809T** are professional quality alignment tapes that contains a ten minute program for accurate adjustment of VCR's in the SP and EP mode.



**CR1808T**  
Standard Play



**CR1809T**  
Extended Play

- NTSC Color Bars
- 1 kHz/0 dB Audio Signal

### Alignment Tape — Hi-Fi Stereo, SP Mode

The **CR1810T** is a professional quality alignment tape for accurate adjustment of Hi-Fi Stereo VCR's in the SP mode. Each test contained on the CR1810T lasts 10 minutes to assure precision adjustments.

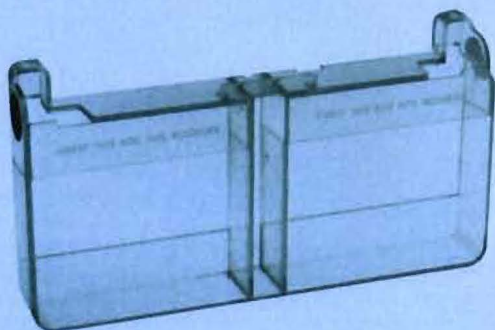


**CR1810T contains the following tests:**

- General System/Audio Output  
NTSC Color Bars - 1 kHz/0 dB
- Pre-Amp Frequency Response  
RF Sweep - 1 kHz/0 dB
- Head Switching  
White Field - Hi-Fi Sequence
- Color Circuitry  
Modulated Ramp - 1 kHz/0 dB

## See Thru Test Jig

### CR1807T Test Jig



The **CR1807T** Test Jig is made of reinforced, heavy duty, clear plastic which allows inspection of all moving parts in any speed mode. This test jig is designed to give complete access to belts, guide post, video head, idlers, tires and pinch rollers.



## VCR E-Clip/Washer Kit

### CR200KT



- 6-Most Popular E-Clip Sizes
- 14-Most Popular Washer Sizes
- 10-Of Each Size
- Dimensions on Kit
- Lightweight Plastic Case

## VCR Spring Kit

### CR201KT



- 20-Most Popular Sizes
- 5-Of Each Size
- Dimensions on Kit
- Lightweight Plastic Case

## VCR Tape Repair Kit — VHS or Beta

The **CR1815T** Video Tape Repair Kit contains all the items necessary for fast and professional tape repair. Easy-to-follow step-by-step instructions assure professional results.

### CR1815T — Video Tape Repair Kit

#### Kit Contents:

#### Precut Splicing Tabs (Qty. 10) —

These easy-to-use tabs end the guesswork of how much tape to use and eliminate waste.

#### Single Edge Splicing Knife —

Makes precision splicing cuts with maximum safety.

#### Splicing Jig —

Durable splicing jig.

#### Pressing Jig —

See-through jig securely holds tape for a perfect cut.

Additional ECG Splicing Aids that can be ordered individually:

**CR1816T — VHS Leader Tape** (Approx. 2')

**CR1817T — Beta Leader Tape** (Approx. 2')

**CR1818T — Additional Splicing Tabs** (Qty. 10)





## Audio/Video Lubricants

ECG Lubricants are specifically formulated for use in the most sensitive audio and video equipment. The wide selection of lubricants offers protection against damaging oxides, corrosion and friction wear. All lubricants may be ordered individually or in convenient kit form.

### CR1850T — Audio/Video Lubrication Kit

#### Kit Contents:

**CR1851T — Guide and Hinge Grease -**  
For long term lubrication with corrosion protection. (1.2 oz.)

**CR1852T — Gear and Bearing Grease -**  
For rollers, friction bearings and gears; acid and resin free. (1.2 oz.)

**CR1853T — Switch Contact Oil -**  
For exposed contacts and switches; prevents oxidation, corrosion and reduces arcing. (0.16 fl. oz.)

**CR1854T — Sintered Bearing Oil -**  
For lubricating hardened bearings, capstan head and drum bearings. (0.67 fl. oz.)

**CR1855T — Metal/Plastic Oil -**  
For low friction; metal-to-metal, metal-to-plastic and plastic-to-plastic applications. (0.67 fl. oz.)



## Audio/Video Cleaning Materials

The ECG Cleaning Kit is designed for complete cleaning care of the most sensitive audio and video components. The specialized cleaning solutions and implements make the ECG cleaning kit an essential element in restoring equipment to optimum operating condition.

### CR1860T — Audio/Video Cleaning Kit

#### Kit Contents:

**CR1861T — Cleaning Spray -**  
A slow evaporating cleaning spray that can be used with chamois cleaning cloth or swabs. (2.4 fl. oz.)

**CR1862T — (5) Head Cleaning Swabs -**  
Soft chamois tipped swabs for cleaning all audio and video heads.

**CR1863T — Cleaning Fluid -**  
A fast evaporating fluid that can be used to clean all mechanical parts in the recorder. (0.5 fl. oz.)

**Replacements** for cleaning spray, fluid and swabs may be ordered separately.

**Chamois Cleaning Cloth -**  
For cleaning and polishing capstan head and tape transport parts.

**Inspection Mirror -**  
For inspection of the hard-to-see places.





# VCR Precision Adjustment Tools

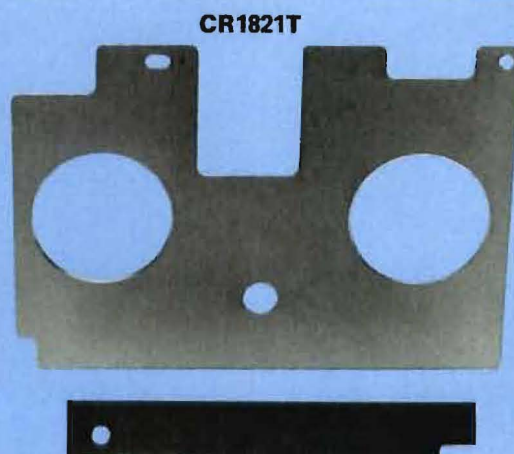
Manufactured to extremely fine tolerances, each of these high-precision tools exactly fits a number of critical VHS and Beta VCR service applications. ECG tools are essential aids for accurate and efficient servicing.

## Height Gauge and Base Plate Reference Jig

**CR1820T — VHS Height Gauge**

**CR1821T — VHS Base Plate Reference Jig**

The **CR1821T** Base Plate Reference Jig and **CR1820T** Height Gauge are used together for precision height adjustment of the reel discs, guide posts, tape transport, pinch wheel, audio, synchronization and erase heads.



## Special Purpose Wrenches

**CR1830T — VHS**

For adjustment of the tape feed guide.



**CR1831T — VHS**

For adjustment of tape tension (small head).



**CR1832T — VHS**

For adjustment of tape tension (large head).



**CR1833T — VHS and Beta**

For adjustment of tape transport.



**CR1834T — VHS**

For adjustment of audio and control heads.



**CR1835T — VHS**

For adjustment of the audio and control head phase.



**CR1836T — Beta**

For adjustment of audio and control heads (small head).










**CR1837T — Beta**






For adjustment of audio and control heads (large head).





# Pinch Rollers

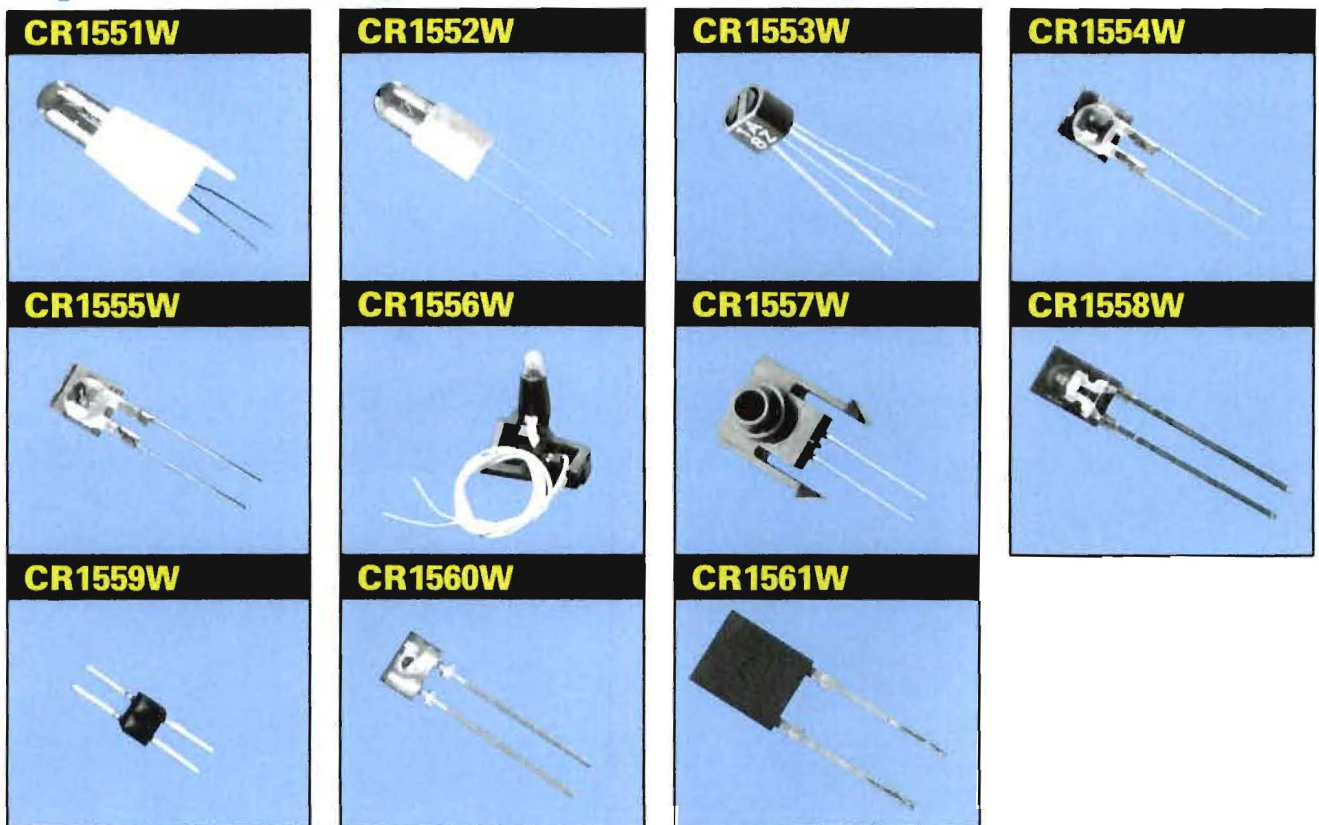
<b>CR1601M</b> 	<b>Replaces</b> GE Panasonic RCA JC Penney Philco Sylvania Magnavox Quasar <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .91" (23)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .71" (18)</td><td>OD: .28" (7)</td></tr> <tr> <td></td><td>ID: .12" (3)</td></tr> </table>	Roller	Bearing	H: .91" (23)	H: .12" (3)	OD: .71" (18)	OD: .28" (7)		ID: .12" (3)
Roller	Bearing								
H: .91" (23)	H: .12" (3)								
OD: .71" (18)	OD: .28" (7)								
	ID: .12" (3)								
<b>CR1602M</b> 	<b>Replaces</b> Panasonic <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .91" (23)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .63" (16)</td><td>OD: .28" (7)</td></tr> <tr> <td></td><td>ID: .12" (3)</td></tr> </table>	Roller	Bearing	H: .91" (23)	H: .12" (3)	OD: .63" (16)	OD: .28" (7)		ID: .12" (3)
Roller	Bearing								
H: .91" (23)	H: .12" (3)								
OD: .63" (16)	OD: .28" (7)								
	ID: .12" (3)								
<b>CR1603M</b> 	<b>Replaces</b> JVC Zenith <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .83" (21)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .59" (15)</td><td>OD: .32" (8)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .83" (21)	H: .12" (3)	OD: .59" (15)	OD: .32" (8)		ID: .16" (4)
Roller	Bearing								
H: .83" (21)	H: .12" (3)								
OD: .59" (15)	OD: .32" (8)								
	ID: .16" (4)								
<b>CR1604M</b> 	<b>Replaces</b> Fisher Sanyo Sears <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .75" (19)</td><td>H: .16" (4)</td></tr> <tr> <td>OD: .59" (15)</td><td>OD: .35" (9)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .75" (19)	H: .16" (4)	OD: .59" (15)	OD: .35" (9)		ID: .16" (4)
Roller	Bearing								
H: .75" (19)	H: .16" (4)								
OD: .59" (15)	OD: .35" (9)								
	ID: .16" (4)								
<b>CR1605M</b> 	<b>Replaces</b> Akai <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .71" (18)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .51" (13)</td><td>OD: .28" (7)</td></tr> <tr> <td></td><td>ID: .12" (3)</td></tr> </table>	Roller	Bearing	H: .71" (18)	H: .12" (3)	OD: .51" (13)	OD: .28" (7)		ID: .12" (3)
Roller	Bearing								
H: .71" (18)	H: .12" (3)								
OD: .51" (13)	OD: .28" (7)								
	ID: .12" (3)								
<b>CR1606M</b> 	<b>Replaces</b> Sharp <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .79" (20)</td><td>H: .16" (4)</td></tr> <tr> <td>OD: .71" (18)</td><td>OD: .35" (9)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .79" (20)	H: .16" (4)	OD: .71" (18)	OD: .35" (9)		ID: .16" (4)
Roller	Bearing								
H: .79" (20)	H: .16" (4)								
OD: .71" (18)	OD: .35" (9)								
	ID: .16" (4)								
<b>CR1607M</b> 	<b>Replaces</b> JVC Zenith <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .83" (21)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .67" (17)</td><td>OD: .32" (8)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .83" (21)	H: .12" (3)	OD: .67" (17)	OD: .32" (8)		ID: .16" (4)
Roller	Bearing								
H: .83" (21)	H: .12" (3)								
OD: .67" (17)	OD: .32" (8)								
	ID: .16" (4)								

<b>CR1608M</b> 	<b>Replaces</b> Mitsubishi <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .71" (18)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .59" (15)</td><td>OD: .32" (8)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .71" (18)	H: .12" (3)	OD: .59" (15)	OD: .32" (8)		ID: .16" (4)
Roller	Bearing								
H: .71" (18)	H: .12" (3)								
OD: .59" (15)	OD: .32" (8)								
	ID: .16" (4)								
<b>CR1609M</b> 	<b>Replaces</b> Toshiba <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .69" (17.5)</td><td>H: .16" (4)</td></tr> <tr> <td>OD: .59" (15)</td><td>OD: .35" (9)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .69" (17.5)	H: .16" (4)	OD: .59" (15)	OD: .35" (9)		ID: .16" (4)
Roller	Bearing								
H: .69" (17.5)	H: .16" (4)								
OD: .59" (15)	OD: .35" (9)								
	ID: .16" (4)								
<b>CR1610M</b> 	<b>Replaces</b> Sony Zenith <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .75" (19)</td><td>H: .16" (4)</td></tr> <tr> <td>OD: .63" (16)</td><td>OD: .35" (9)</td></tr> <tr> <td></td><td>ID: .12" (3)</td></tr> </table>	Roller	Bearing	H: .75" (19)	H: .16" (4)	OD: .63" (16)	OD: .35" (9)		ID: .12" (3)
Roller	Bearing								
H: .75" (19)	H: .16" (4)								
OD: .63" (16)	OD: .35" (9)								
	ID: .12" (3)								
<b>CR1611M</b> 	<b>Replaces</b> Akai <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .77" (19.5)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .59" (15)</td><td>OD: .28" (7)</td></tr> <tr> <td></td><td>ID: .12" (3)</td></tr> </table>	Roller	Bearing	H: .77" (19.5)	H: .12" (3)	OD: .59" (15)	OD: .28" (7)		ID: .12" (3)
Roller	Bearing								
H: .77" (19.5)	H: .12" (3)								
OD: .59" (15)	OD: .28" (7)								
	ID: .12" (3)								
<b>CR1612M</b> 	<b>Replaces</b> Sony Zenith <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .71" (18)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .47" (12)</td><td>OD: .24" (6)</td></tr> <tr> <td></td><td>ID: .08" (2)</td></tr> </table>	Roller	Bearing	H: .71" (18)	H: .12" (3)	OD: .47" (12)	OD: .24" (6)		ID: .08" (2)
Roller	Bearing								
H: .71" (18)	H: .12" (3)								
OD: .47" (12)	OD: .24" (6)								
	ID: .08" (2)								
<b>CR1613M</b> 	<b>Replaces</b> GE RCA Hitachi Sears <b>Dimensions</b> <table> <tr> <th>Roller</th><th>Bearing</th></tr> <tr> <td>H: .87" (22)</td><td>H: .12" (3)</td></tr> <tr> <td>OD: .61" (15.5)</td><td>OD: .32" (8)</td></tr> <tr> <td></td><td>ID: .16" (4)</td></tr> </table>	Roller	Bearing	H: .87" (22)	H: .12" (3)	OD: .61" (15.5)	OD: .32" (8)		ID: .16" (4)
Roller	Bearing								
H: .87" (22)	H: .12" (3)								
OD: .61" (15.5)	OD: .32" (8)								
	ID: .16" (4)								

Note: ( ) = Dimensions in mm



# Opto Sensing Devices




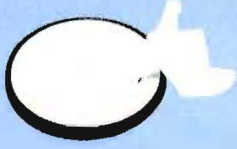





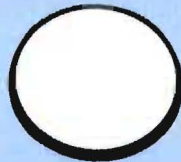






## Replacement By VCR Brand Name and Part Number

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
<b>Emerson</b>		<b>Philco</b>		<b>Quasar</b>		<b>Samsung</b>		<b>Sylvania</b>	
0002G00010	CR1553W	1813900027	CR1552W	4835-134-87002	CR1561W	148773	CR1555W	07-28777-89	CR1554W
A8652035	CR1561W	5302350001	CR1561W	4835-209-87248	CR1559W	149389	CR1551W	07-28777-308	CR1552W
		530239015L	CR1561W	1813900003	CR1551W	153716	CR1561W	07-28778-294	CR1552W
		5302860001	CR1561W	1813900027	CR1552W	161756	CR1560W	07-28817-303	CR1551W
		5392400100	CR1558W	5302350001	CR1561W	161757	CR1557W	07-28977-112	CR1555W
<b>Fisher</b>		6190700021	CR1554W	530239015L	CR1561W	185200	CR1558W	4835-130-37089	CR1561W
407-043-0200	CR1559W	6194000040	CR1559W	5302860001	CR1561W	186499	CR1553W	4835-130-47148	CR1554W
<b>General Electric</b>				5392400100	CR1558W	187646	CR1559W	4835-130-87029	CR1558W
EW15X674	CR1555W	<b>Panasonic</b>		6190700021	CR1554W	195493	CR1559W	4835-134-87002	CR1561W
EW41X29	CR1554W	LN59	CR1558W	6194000040	CR1559W			4835-209-87248	CR1559W
EW41X32	CR1552W	LN59NV	CR1558W			<b>Sears</b>		1813900003	CR1551W
EW41X397	CR1558W	ON2170	CR1559W	<b>Quasar</b>		230-9-110-2402V	CR1553W	1813900027	CR1552W
		ON2170Q	CR1559W	48-90229A30	CR1561W	6603-701-4108	CR1556W	5302350001	CR1561W
<b>Hitachi</b>		ON2170R	CR1559W	48-90343A87	CR1554W			530239015L	CR1561W
2332431	CR1561W	PH302	CR1561W	48-90478A34	CR1555W	<b>Sears</b>		5302860001	CR1561W
5381681	CR1560W	PN150NV	CR1554W	65-90236A15	CR1551W	46-132746-3	CR1559W	5392400100	CR1558W
5381682	CR1557W	PN205	CR1555W	65-90339A15	CR1552W	46-861346-3	CR1558W	6190700021	CR1554W
<b>JC Penney</b>		PN313	CR1561W			46-861394-3	CR1553W	6194000040	CR1559W
1126-7234	CR1554W	XAMV0019	CR1551W	LN59	CR1558W	46-861461-3	CR1560W		
1146-4685	CR1551W	XAMV12S	CR1552W	LN59NV	CR1558W	46-861462-3	CR1557W	<b>Toshiba</b>	
<b>Magnavox</b>				ON2170	CR1559W			23115800	CR1561W
18C0010024	CR1552W	<b>Philco</b>		ON2170Q	CR1559W	<b>Sharp</b>		A8052035	CR1561W
4835-130-37089	CR1561W	07-28777-89	CR1554W	ON2170R	CR1559W	RH-PX0042GEZZ	CR1553W	TPS703	CR1561W
4835-130-47148	CR1554W	07-28777-308	CR1552W	PH302	CR1561W	RH-PX0099GEZZ	CR1558W		
4835-130-87029	CR1558W	07-28778-294	CR1552W	PN150NV	CR1554W	RLMPM0008GEZZ	CR1556W	<b>Zenith</b>	
4835-134-87002	CR1551W	07-28817-303	CR1551W	PN205	CR1555W			903-01198	CR1558W
4835-209-87248	CR1559W	07-28977-112	CR1555W	PN313	CR1561W			921-01539	CR1561W
1813900003	CR1551W	4835-130-37089	CR1561W	<b>RCA</b>		<b>Sony</b>			
		4835-130-47148	CR1554W	144028	CR1554W	8-719-403-92	CR1559W		
		4835-130-87029	CR1558W	144604	CR1552W	8-719-751-42	CR1553W		



# Idler Wheels and Assemblies















<b>CR1901M</b>		<b>Replaces</b> Sharp
<b>CR1902M</b>		<b>Replaces</b> GE JC Penney Magnavox Panasonic Philco Quasar Sylvania
<b>CR1903M</b>		<b>Replaces</b> GE Hitachi RCA Sears
<b>CR1904M</b>		<b>Replaces</b> Emerson Samsung Sharp
<b>CR1905M</b>		<b>Replaces</b> Panasonic
<b>CR1906M</b>		<b>Replaces</b> Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1907M</b>		<b>Replaces</b> Fisher Sanyo Sears

<b>CR1908M</b>		<b>Replaces</b> Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1909M</b>		<b>Replaces</b> Sony Zenith <b>Dimensions</b> OD: .850" (22) ID: .080" (2)
<b>CR1910M</b>		<b>Replaces</b> Sony <b>Dimensions</b> OD: .98" (25) ID: .12" (3.1)
<b>CR1911M</b>		<b>Replaces</b> GE JC Penney Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1912M</b>		<b>Replaces</b> Akai JVC
<b>CR1913M</b>		<b>Replaces</b> Sony Zenith
<b>CR1914M</b>		<b>Replaces</b> Sharp

Note: ( ) = Dimensions in mm




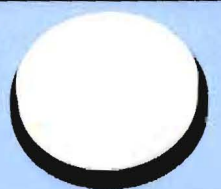
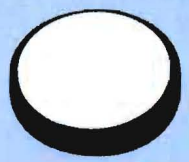






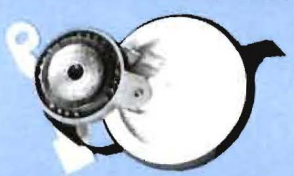




## Idler Wheels and Assemblies (cont'd)

<b>CR1915M</b> 	<b>Replaces</b> JVC      NEC Kenwood   Sansui
<b>CR1916M</b> 	<b>Replaces</b> Dual      Kenwood JVC      Sansui
<b>CR1917M</b> 	<b>Replaces</b> JVC
<b>CR1918M</b> 	<b>Replaces</b> Fisher Sanyo
<b>CR1919M</b> 	<b>Replaces</b> Sharp
<b>CR1920M</b> 	<b>Replaces</b> Panasonic
<b>CR1921M</b> 	<b>Replaces</b> GE Hitachi RCA
<b>CR1922M</b> 	<b>Replaces</b> GE      Panasonic Gold Star   Philco JC Penney   Quasar Magnavox   Sylvania
<b>CR1923M</b> 	<b>Replaces</b> Panasonic
<b>CR1924M</b> 	<b>Replaces</b> Panasonic
<b>CR1925M</b> 	<b>Replaces</b> Panasonic
<b>CR1926M</b> 	<b>Replaces</b> Sony Zenith
<b>CR1927M</b> 	<b>Replaces</b> Fisher Hitachi RCA Sanyo Sears
<b>CR1928M</b> 	<b>Replaces</b> Magnavox   Quasar Panasonic   RCA Philco      Sylvania



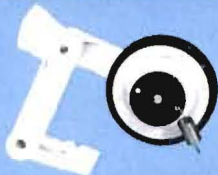

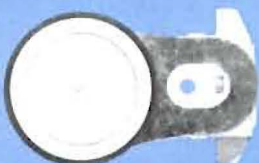




## Idler Wheels and Assemblies (cont'd)








<b>CR1929M</b> 	<b>Replaces</b> Hitachi
<b>CR1930M</b> 	<b>Replaces</b> Fisher Hitachi RCA Sanyo Sears
<b>CR1931M</b> 	<b>Replaces</b> Panasonic
<b>CR1932M</b> 	<b>Replaces</b> GE JC Penney Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1933M</b> 	<b>Replaces</b> JC Penney Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1934M</b> 	<b>Replaces</b> Fisher Sanyo Sears <b>Height</b> 1.25" (31.75)
<b>CR1935M</b> 	<b>Replaces</b> JC Penney Magnavox Panasonic Philco Quasar RCA Sylvania

<b>CR1936M</b> 	<b>Replaces</b> JC Penney Magnavox Panasonic Philco Quasar RCA Sylvania
<b>CR1937M</b> 	<b>Replaces</b> Hitachi RCA
<b>CR1938M</b> 	<b>Replaces</b> Hitachi RCA
<b>CR1939M</b> 	<b>Replaces</b> Sharp
<b>CR1940M</b> 	<b>Replaces</b> Fisher Sanyo
<b>CR1941M</b> 	<b>Replaces</b> Fisher Sanyo
<b>CR1942M</b> 	<b>Replaces</b> Fisher Sanyo





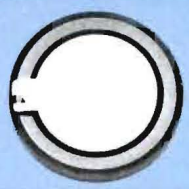




## Idler Wheels and Assemblies (cont'd)








<b>CR1943M</b>		<b>Replaces</b> JVC
<b>CR1944M</b>		<b>Replaces</b> JVC
<b>CR1945M</b>		<b>Replaces</b> NEC
<b>CR1946M</b>		<b>Replaces</b> Sharp
<b>CR1947M</b>		<b>Replaces</b> Emerson Samsung
<b>CR1948M</b>		<b>Replaces</b> Toshiba
<b>CR1949M</b>		<b>Replaces</b> Fisher Sanyo

<b>CR1950M</b>		<b>Replaces</b> Hitachi RCA Sears	
<b>CR1951M</b>		<b>Replaces</b> Fisher Sanyo	<b>Height</b> 1.125" (28.57)
<b>CR1952M</b>		<b>Replaces</b> Akai Toshiba	
<b>CR1953M</b>		<b>Replaces</b> Fisher Hitachi RCA Sanyo Sears	
<b>CR1954M</b>		<b>Replaces</b> Panasonic	
<b>CR1955M</b>		<b>Replaces</b> Akai	
<b>CR1956M</b>		<b>Replaces</b> Fisher Sanyo	

















## Idler Wheels and Assemblies (cont'd)

<b>CR1957M</b>		<b>Replaces</b> Emerson
<b>CR1958M</b>		<b>Replaces</b> Panasonic
<b>CR1959M</b>		<b>Replaces</b> Panasonic
<b>CR1960M</b>		<b>Replaces</b> Panasonic
<b>CR1961M</b>		<b>Replaces</b> Magnavox Quasar Panasonic RCA Philco Sylvania
<b>CR1962M</b>		<b>Replaces</b> Panasonic
<b>CR1963M</b>		<b>Replaces</b> Fisher Sanyo

<b>CR1964M</b>		<b>Replaces</b> Fisher Sanyo
<b>CR1965M</b>		<b>Replaces</b> Fisher Sanyo
<b>CR1966M</b>		<b>Replaces</b> Philips
<b>CR1967M</b>		<b>Replaces</b> Sharp
<b>CR1968M</b>		<b>Replaces</b> Akai
<b>CR1969M</b>		<b>Replaces</b> Akai
<b>CR1970M</b>		<b>Replaces</b> Sharp











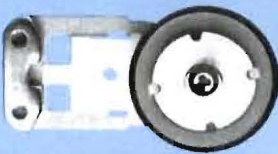

**Idler Wheels and Assemblies (cont'd)**

<b>CR1971M</b>		<b>Replaces</b> Emerson Mitsubishi
<b>CR1972M</b>		<b>Replaces</b> JVC
<b>CR1973M</b>		<b>Replaces</b> JVC
<b>CR1974M</b>		<b>Replaces</b> Sharp
<b>CR1975M</b>		<b>Replaces</b> Akai
<b>CR1976M</b>		<b>Replaces</b> Panasonic
<b>CR1977M</b>		<b>Replaces</b> Fisher Sanyo
<b>CR1978M</b>		<b>Replaces</b> Fisher Sanyo
<b>CR1979M</b>		<b>Replaces</b> Hitachi RCA Sears
<b>CR1980M</b>		<b>Replaces</b> Hitachi RCA Sears
<b>CR1981M</b>		<b>Replaces</b> JVC
<b>CR1982M</b>		<b>Replaces</b> GE RCA
<b>CR1983M</b>		<b>Replaces</b> JVC Zenith
<b>CR1984M</b>		<b>Replaces</b> Samsung



## Idler Wheels and Assemblies (cont'd)

<b>CR1985M</b> 	<b>Replaces</b> Panasonic
<b>CR1986M</b> 	<b>Replaces</b> Akai
<b>CR1987M</b> 	<b>Replaces</b> Panasonic
<b>CR1988M</b> 	<b>Replaces</b> Hitachi RCA
<b>CR1989M</b> 	<b>Replaces</b> Emerson

<b>CR1990M</b> 	<b>Replaces</b> RCA Samsung
<b>CR1991M</b> 	<b>Replaces</b> JVC Zenith
<b>CR1992M</b> 	<b>Replaces</b> JVC Zenith
<b>CR1993M</b> 	<b>Replaces</b> Sanyo
<b>CR1994M</b> 	<b>Replaces</b> GE Magnavox Panasonic Philco Philips Quasar Sylvania



# Idler Wheels and Assemblies —

## Replacement By VCR Brand Name

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
<b>Akai</b>		FVH-530.....CR1930M		9-7400.....CR1994M		VT-9500A.....CR1937M		<b>Repl. by Model No.</b>	
<b>Repl. by Part No.</b>		FVH-730.....CR1930M		9-7500.....CR1994M		VT-9700A.....CR1937M		<b>FF/REW Idler</b>	
BL353110.....CR1952M		<b>Gear Pulley</b>		9-7515.....CR1994M		VT-9710A.....CR1937M		VR8205SL01.....CR1902M	
BV321761.....CR1968M		FVH-615.....CR1934M		9-7520.....CR1994M		<b>JC Penney</b>		VR8306BK01.....CR1932M	
BV321979.....CR1969M		FVH-715.....CR1934M		9-7615.....CR1994M		<b>Repl. by Part No.</b>		VR8315BK01.....CR1906M	
BV327815.....CR1975M		FVH-720.....CR1934M		9-7620.....CR1994M		1143-7399.....CR1911M		VR8316BK01.....CR1906M	
MI327773.....CR1955M		FVH-720R.....CR1934M		9-7655.....CR1994M		1160-0657.....CR1932M		VR8318BK01.....CR1932M	
MZ366960.....CR1986M		FVH-721.....CR1934M		9-7715.....CR1994M		1218-1988.....CR1902M		VR8325BK01.....CR1908M	
<b>Emerson</b>		FVH-722.....CR1934M		9-7755.....CR1994M		1218-2036.....CR1902M		VR8327BK01.....CR1932M	
<b>Repl. by Part No.</b>		FVH-725.....CR1934M		VG7500.....CR1982M		VXP0171.....CR1936M		VR8335BK01.....CR1908M	
522P002010.....CR1971M		FVH-810.....CR1934M		VG7575.....CR1982M		VXP0174.....CR1933M		VR8345BK01.....CR1908M	
850A200004.....CR1957M		FVH-820.....CR1934M		VG7615.....CR1982M		VXP0213.....CR1935M		VR8355BK01.....CR1932M	
850A200005.....CR1989M		FVH-825.....CR1934M		VG7675.....CR1982M		VXZS0059.....CR1922M		VR8400BK01.....CR1932M	
70326538.....CR1947M		FVH-830.....CR1934M		<b>Play Idler</b>		<b>Repl. by Model No.</b>		VR8402BK01.....CR1932M	
<b>Repl. by Model No.</b>		FVH-840.....CR1934M		1VCR2002X.....CR1937M		<b>FF/REW Idler</b>		VR8405SL01.....CR1902M	
<b>FF/REW Idler</b>		FVH-905.....CR1951M		1VCR2014W.....CR1937M		685-5021-00.....CR1932M		VR8408SL01.....CR1902M	
VCP661.....CR1957M		FVH-905A.....CR1951M		1VCR2018W.....CR1937M		686-5020-00.....CR1932M		VR8415SL01.....CR1902M	
VCR862.....CR1947M		FVH-919.....CR1951M		1VCR4002X.....CR1911M		686-5030-00.....CR1932M		VR8416SL01.....CR1902M	
VCR951HA.....CR1957M		FVH-920.....CR1951M		1VCR4012X.....CR1911M		686-5032-00.....CR1932M		VR8417SL01.....CR1902M	
VCS955A.....CR1957M		FVH-930.....CR1934M		<b>Tension Band</b>		686-5037-00.....CR1932M		VR8425SL01.....CR1902M	
VCS966A.....CR1957M		FVH-940.....CR1951M		1VCP6020X.....CR1922M		686-5050-00.....CR1932M		VR8430BK01.....CR1932M	
VCS966HA.....CR1957M		<b>General Electric</b>		1VCR5011X.....CR1922M		686-5054-00.....CR1902M		VR8500SL01.....CR1902M	
VCS966HA.....CR1957M		<b>Repl. by Part No.</b>		1VCR6002X.....CR1922M		686-5060-00.....CR1902M		VR8505SL01.....CR1902M	
VCS977.....CR1957M		192242.....CR1982M		1VCR6004X.....CR1922M		<b>Play Idler</b>		VR8510SL01.....CR1902M	
VCS977A.....CR1957M		EW2X335.....CR1903M		1VCR6010X.....CR1922M		685-5006-00.....CR1935M		VR8515GY01.....CR1902M	
<b>Fisher</b>		EW2X511.....CR1921M		1VCR6011X.....CR1922M		685-5007-00.....CR1935M		VR8525GY01.....CR1902M	
<b>Repl. by Part No.</b>		EW2X512.....CR1937M		1VCR6012X.....CR1922M		685-5021-00.....CR1911M		VR8545SL01.....CR1902M	
143-0-4204-00100.....CR1927M		EW2X548.....CR1980M		1VCR6013X.....CR1922M		686-5020-00.....CR1911M		VR8545GY01.....CR1902M	
143-0-4204-00200.....CR1953M		EW2X752.....CR1932M		1VCR6014X.....CR1922M		686-5030-00.....CR1911M		VR8555GY01.....CR1902M	
143-0-4204-00300.....CR1907M		EW2X762.....CR1911M		1VCR6015X.....CR1922M		686-5037-00.....CR1911M		VR8560GY01.....CR1902M	
143-0-4204-00400.....CR1907M		EW2X948.....CR1902M		1VCR6018X.....CR1922M		686-5037-00.....CR1911M		VR9500AT01.....CR1994M	
143-0-4204-00700.....CR1942M		EW2X953.....CR1902M		<b>Hitachi</b>		686-5037-00.....CR1911M		VR9502AT01.....CR1994M	
143-0-4804-00100.....CR1930M		EW2X2013.....CR1922M		<b>Repl. by Part No.</b>		686-5050-00.....CR1911M		VR9510AT01.....CR1994M	
143-0-4904-00900.....CR1934M		EW2X2786.....CR1994M		6383531.....CR1930M		<b>Tension Band</b>		VR9512AT01.....CR1994M	
143-0-4904-02400.....CR1951M		EW2X3113.....CR1994M		6413111.....CR1929M		686-5060-00.....CR1922M		VR9520AT01.....CR1994M	
143-0-551T-01400.....CR1918M		<b>Repl. by Model No.</b>		6413663.....CR1953M		<b>JVC</b>		VR9525AT01.....CR1994M	
143-0-661T-03800.....CR1965M		<b>FF/REW Idler</b>		6413684.....CR1927M		<b>Repl. by Part No.</b>		VR9530AT01.....CR1994M	
143-0-662T-01201.....CR1978M		1VCP6020X.....CR1902M		6861471.....CR1921M		PU46380.....CR1972M		VR9535AT01.....CR1994M	
143-0-662T-01202.....CR1940M		1VCR2002X.....CR1921M		6861481.....CR1937M		PU46381.....CR1973M		VR9540AT01.....CR1994M	
143-0-662T-10340.....CR1956M		1VCR2014W.....CR1921M		6861482.....CR1937M		PU47752.....CR1912M		VR9545AT01.....CR1994M	
143-0-662T-10350.....CR1977M		1VCR2018W.....CR1921M		6861505.....CR1988M		PU47752.....CR1912M		VR9547AT01.....CR1994M	
143-0-662T-14730.....CR1963M		1VCR3000X.....CR1903M		6865571.....CR1903M		PU48967B.....CR1916M		VR9550AT01.....CR1994M	
143-0-662T-15521.....CR1949M		1VCR3001X.....CR1903M		6865575.....CR1903M		PU49280.....CR1917M		VR9555AT01.....CR1994M	
143-0-662T-15620.....CR1993M		1VCR3010X.....CR1903M		6875371.....CR1903M		PU51380A-2.....CR1981M		VR9558AT01.....CR1994M	
143-0-741T-20001.....CR1941M		1VCR4002X.....CR1932M		6875372.....CR1903M		PU51402A.....CR1915M		VR9560AT01.....CR1994M	
<b>Repl. by Model No.</b>		1VCR4012X.....CR1932M		6876043.....CR1938M		PU55373.....CR1944M		VR9565AT01.....CR1994M	
<b>FF/REW Idler</b>		1VCR5002X.....CR1902M		6876045.....CR1938M		PU55374-3.....CR1943M		VR9602AT01.....CR1994M	
FVH-615.....CR1907M		1VCR5003X.....CR1902M		6879515.....CR1980M		PU56043-1-4.....CR1991M		VR9610AT01.....CR1994M	
FVH-715.....CR1907M		1VCR5004X.....CR1902M		<b>Repl. by Model No.</b>		PU56044-1-4.....CR1992M		VR9614AT01.....CR1994M	
FVH-720.....CR1907M		1VCR5010X.....CR1902M		<b>FF/REW Idler</b>		PU56645.....CR1983M		VR9622AT01.....CR1994M	
FVH-720R.....CR1907M		1VCR5011X.....CR1902M		VT-11.....CR1903M		PU58645-1.....CR1983M		VR9624AT01.....CR1994M	
FVH-721.....CR1907M		1VCR5014X.....CR1902M		VT-11A.....CR1903M		PU58645-1-1.....CR1983M		VR9625AT01.....CR1994M	
FVH-722.....CR1907M		1VCR6002X.....CR1902M		VT-12AX.....CR1903M		PU58645-1-3.....CR1983M		VR9630AT01.....CR1994M	
FVH-725.....CR1907M		1VCR6003X.....CR1902M		VT-15A.....CR1903M		PU58645-1-4.....CR1983M		VR9640AT01.....CR1994M	
FVH-810.....CR1907M		1VCR6004X.....CR1902M		VT-16A.....CR1903M		<b>Magnavox</b>		VR9642AT01.....CR1994M	
FVH-820.....CR1907M		1VCR6010X.....CR1902M		VT-16AY.....CR1903M		<b>Repl. by Part No.</b>		VR9645AT01.....CR1994M	
FVH-825.....CR1907M		1VCR6011X.....CR1902M		VT-18A.....CR1903M		70C002-4.....CR1935M		VR9652AT01.....CR1994M	
FVH-830.....CR1907M		1VCR6012X.....CR1902M		VT-19A.....CR1903M		70C002-6.....CR1936M		VR9655AT01.....CR1994M	
FVH-840.....CR1907M		1VCR6013X.....CR1902M		VT-6500A.....CR1921M		70C002-8.....CR1933M		VR9664AT01.....CR1994M	
FVH-905.....CR1907M		1VCR6014X.....CR1902M		VT-6800A.....CR1921M		4835-402-97269.....CR1922M		VR9670AT01.....CR1994M	
FVH-905A.....CR1907M		1VCR6015X.....CR1902M		VT-7000A.....CR1953M		4835-402-97273.....CR1902M		VR9680AT01.....CR1994M	
FVH-919.....CR1907M		1VCR6018X.....CR1902M		VT-7500A.....CR1953M		<b>Play Idler</b>		VH8200BR01.....CR1935M	
FVH-920.....CR1907M		9-7100.....CR1994M		VT-8000A.....CR1953M		4835-463-17007.....CR1961M		VJ8220BR01.....CR1935M	
FVH-930.....CR1907M		9-7110.....CR1994M		VT-8500A.....CR1953M		4835-464-77016.....CR1911M		VJ8225BR01.....CR1935M	
FVH-940.....CR1907M		9-7115.....CR1994M		VT-9100A.....CR1921M		4835-464-77017.....CR1908M		VK8222BR01.....CR1935M	
FVH-950.....CR1942M		9-7120.....CR1994M		VT-9710A.....CR1921M		4835-464-77021.....CR1902M		VK8227BR01.....CR1935M	
FVH-980.....CR1942M		9-7135.....CR1994M		<b>Play Idler</b>		4835-464-77026.....CR1994M		VR8306BK01.....CR1911M	
FVH-4000.....CR1942M		9-7140.....CR1994M		VT-5000A.....CR1929M		7044250006.....CR1906M		VR8315BK01.....CR1911M	
FVH-4100.....CR1942M		9-7145.....CR1994M		VT-6500A.....CR1937M		7044250019.....CR1911M		VR8316BK01.....CR1911M	
FVH-4200.....CR1942M		9-7156.....CR1994M		VT-6800A.....CR1937M		7044250035.....CR1961M		VR8318BK01.....CR1911M	
FVH-5550.....CR1942M		9-7175.....CR1994M		VT-680MA.....CR1937M		7044250156.....CR1935M		VR8327BK01.....CR1911M	
<b>Play Idler</b>		9-7176.....CR1994M		VT-9100A.....CR1937M		7044250158.....CR1936M		VR8335BK01.....CR1911M	
FVH-510.....CR1927M		9-7215.....CR1994M		VT-9500A.....CR1921M		7044250160.....CR1933M		VR8400BK01.....CR1911M	
FVH-515.....CR1927M		9-7245.....CR1994M		VT-9700A.....CR1921M		7044250337.....CR1932M		VR8402BK01.....CR1911M	
FVH-525.....CR1927M		9-7250.....CR1994M		VT-9710A.....CR1921M		7044250414.....CR1908M		VR8430BK01.....CR1911M	
FVH-530.....CR1927M		9-7256.....CR1994M		<b>Play Idler</b>		7044250434.....CR1928M		<b>Tension Band</b>	
FVH-730.....CR1927M		9-7270.....CR1994M		VT-5000A.....CR1929M		7044251178.....CR1902M		VR8405SL01.....CR1922M	
<b>Reel Motor Roller</b>		9-7275.....CR1994M		VT-6500A.....CR1937M		7044251192.....CR1922M		VR8408SL01.....CR1922M	
FVH-510.....CR1930M		9-7276.....CR1994M		VT-6800A.....CR1937M		7096140040.....CR1994M		VR8415SL01.....CR1922M	
FVH-515.....CR1930M		9-7320.....CR1994M		VT-680MA.....CR1937M		7340570898.....CR1902M			
FVH-525.....CR1930M		9-7350.....CR1994M		VT-9100A.....CR1937M					



**Idler Wheels and Assemblies —**  
**Replacement By VCR Brand Name (cont'd)**

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
VR8416SL01	CR1922M	PV-1330	CR1902M	<b>Play Idler</b>		<b>Repl. by Model No.</b>		VXP0581	CR1959M
VR8417SL01	CR1922M	PV-1330-K	CR1902M	NV-9400P	CR1935M	<b>FF/REW Idler</b>		VXP0589	CR1902M
VR8425SL01	CR1922M	PV-1331R	CR1902M	PV-1000	CR1935M	V1001QBK01	CR1932M	VXP0767	CR1987M
VR8500SL01	CR1922M	PV-1332	CR1902M	PV-1100	CR1935M	V1003TSL01	CR1902M	VXPS0054	CR1932M
VR8510SL01	CR1922M	PV-1334R	CR1902M	PV-1200	CR1935M	V1004TSL01	CR1902M	VXPS0116	CR1962M
VR8515GY01	CR1922M	PV-1334R-K	CR1902M	PV-1220	CR1911M	V1011	CR1906M	VX20076	CR1961M
VR8520SL01	CR1922M	PV-1340	CR1902M	PV-1265	CR1911M	V1012	CR1906M	VX20078	CR1960M
VR8525GY01	CR1922M	PV-1340-K	CR1902M	PV-1270	CR1911M	V1320TGY01	CR1902M	VX20129	CR1924M
VR8530SL01	CR1922M	PV-1342	CR1902M	PV-1275	CR1911M	V1333QBK01	CR1932M	VX20169	CR1922M
VR8535GY01	CR1922M	PV-1360	CR1994M	PV-1280	CR1911M	V1441	CR1908M	VXZS0069	CR1922M
VR8540SL01	CR1922M	PV-1361	CR1994M	PV-1310	CR1911M	V1551	CR1908M	<b>Repl. by Model No.</b>	
VR8544SL01	CR1922M	PV-1362	CR1994M	PV-1320	CR1911M	V1560TSL01	CR1902M	<b>FF/REW Idler</b>	
VR8545GY01	CR1922M	PV-1362-K	CR1994M	PV-1321	CR1911M	V1561TGY01	CR1902M	VH5011TW	CR1906M
VR8555GY01	CR1922M	PV-1364	CR1994M	PV-1322	CR1911M	V1670TGY01	CR1902M	VH5021UW	CR1906M
VR8560GY01	CR1922M	PV-1364-K	CR1994M	PV-1500	CR1935M	VC1000SL01	CR1902M	VH5022UW	CR1932M
<b>Mitsubishi</b>		PV-1366	CR1994M	PV-1510	CR1911M	VC2225SL01	CR1932M	VH5030SW	CR1908M
<b>Repl. by Part No.</b>		PV-1370	CR1908M	PV-1520	CR1911M	VT8720AT01	CR1994M	VH5031WW	CR1932M
522P002010	CR1971M	PV-1400	CR1908M	PV-1600	CR1935M	VT8725AT01	CR1994M	VH5032WQ	CR1932M
<b>NEC</b>		PV-1430	CR1902M	PV-3000	CR1911M	VT8730AT01	CR1994M	VH5040SW	CR1908M
<b>Repl. by Part No.</b>		PV-1442	CR1902M	PV-4100	CR1911M	VT8735AT01	CR1994M	VH5041XW	CR1902M
16180801	CR1945M	PV-1442-K	CR1902M	<b>Arm</b>		VT8742AT01	CR1994M	VH5042X	CR1902M
<b>Panasonic</b>		PV-1460	CR1994M	<b>Tension Band</b>		VT8750AT01	CR1994M	VH5043K	CR1902M
<b>Repl. by Part No.</b>		PV-1461	CR1994M	AG-6650	CR1924M	VT8762AT01	CR1994M	VH5050YQ	CR1902M
VXL0997	CR1920M	PV-1461-K	CR1994M	AG-6651	CR1924M	VT8765AT01	CR1994M	VH5051YQ	CR1902M
VXLS0268	CR1902M	PV-1470	CR1908M	AG-6820	CR1924M	VT8770AT01	CR1994M	VH5061	CR1994M
VXLS0383	CR1994M	PV-1510	CR1932M	NV-1310	CR1924M	<b>Play Idler</b>		VH5125UW	CR1932M
VXLS0454	CR1994M	PV-1520	CR1932M	NV-8350	CR1924M	V1001QBK01	CR1911M	VH5135WQ	CR1932M
VXP0171	CR1936M	PV-1525	CR1902M	PV-1222	CR1922M	V1011	CR1911M	VH5151YQ	CR1902M
VXP0174	CR1933M	PV-1535	CR1902M	PV-1225	CR1922M	V1012	CR1911M	VH5151-K	CR1902M
VXP0213	CR1935M	PV-1535-K	CR1902M	PV-1230	CR1922M	V1300	CR1935M	VH5152YQ	CR1902M
VXP0242	CR1954M	PV-1540	CR1902M	PV-1330	CR1922M	V1333QBK01	CR1911M	VH5153YV	CR1902M
VXP0243	CR1976M	PV-1545	CR1902M	PV-1330-K	CR1922M	V1500	CR1935M	VH5154XQ	CR1902M
VXP0245	CR1933M	PV-1545-K	CR1902M	PV-1331R	CR1922M	VC2225SL01	CR1911M	VH5154YQ	CR1902M
VXP0292	CR1954M	PV-1560	CR1994M	PV-1332	CR1922M	<b>Tension Band</b>		VH5154-K	CR1902M
VXP0302	CR1985M	PV-1560-K	CR1994M	PV-1334R	CR1922M	V1003TSL01	CR1922M	VH5156YQ	CR1902M
VXP0329	CR1906M	PV-1561	CR1994M	PV-1334R-K	CR1922M	V1004TSL01	CR1922M	VH5157YE	CR1902M
VXP0331	CR1911M	PV-1561-K	CR1994M	PV-1340	CR1922M	V1320TGY01	CR1922M	VH5162	CR1994M
VXP0343	CR1928M	PV-1562	CR1994M	PV-1340-K	CR1922M	V1560TSL01	CR1922M	VH5163	CR1994M
VXP0344	CR1908M	PV-1563	CR1994M	PV-1342	CR1922M	V1561TGY01	CR1922M	VH5164	CR1994M
VXP0401	CR1905M	PV-1563-K	CR1994M	PV-1442	CR1922M	V1670TGY01	CR1922M	VH5165	CR1994M
VXP0433	CR1925M	PV-1564	CR1994M	PV-1442-K	CR1922M	VC1000SL01	CR1922M	VH5165-K	CR1994M
VXP0463	CR1931M	PV-1565	CR1994M	PV-1525	CR1922M	<b>Philips</b>		VH5168	CR1994M
VXP0515	CR1931M	PV-1566	CR1994M	PV-1530	CR1922M	<b>Repl. by Part No.</b>		VH5168-K	CR1994M
VXP0521	CR1902M	PV-1567T	CR1994M	PV-1535	CR1922M	4822-2522-20334	CR1966M	VH5168	CR1994M
VXP0581	CR1959M	PV-1630	CR1902M	PV-1535-K	CR1922M	4835-464-77026	CR1994M	VH5168-K	CR1994M
VXP0589	CR1902M	PV-1640	CR1902M	PV-1540	CR1922M	7096140040	CR1994M	VH5168-K	CR1994M
VXP0767	CR1987M	PV-1642	CR1994M	PV-1545	CR1922M	<b>Repl. by Model No.</b>		VH5168-K	CR1994M
VXPS0054	CR1932M	PV-1642-K	CR1994M	PV-1545-K	CR1922M	<b>FF/REW Idler</b>		VH5168-K	CR1994M
VXPS0116	CR1962M	PV-1700	CR1994M	PV-1630	CR1922M	VPH731TH01	CR1994M	VH5168-K	CR1994M
VX20076	CR1961M	PV-1740	CR1902M	PV-1640	CR1922M	<b>Quasar</b>		VH5168-K	CR1994M
VX20078	CR1960M	PV-1740-K	CR1902M	PV-1740	CR1922M	<b>Repl. by Part No.</b>		VH5168-K	CR1994M
VX20129	CR1924M	PV-1742	CR1994M	PV-1740-K	CR1922M	42X90428A79	CR1961M	VH5168-K	CR1994M
VX20169	CR1922M	PV-1750	CR1908M	<b>Clutch</b>		45X90447A32	CR1906M	VH5168-K	CR1994M
VXZS0069	CR1922M	PV-1770	CR1908M	PV-1300	CR1928M	45X90447A34	CR1911M	VH5168-K	CR1994M
<b>Repl. by Model No.</b>		PV-2700B	CR1994M	PV-1400	CR1928M	45X90477A66	CR1928M	VH5168-K	CR1994M
<b>FF/REW Idler</b>		PV-2700B-K	CR1994M	<b>Philco</b>		49X90369A18	CR1935M	VH5168-K	CR1994M
AG-1100	CR1902M	PV-2700R	CR1994M	<b>Repl. by Part No.</b>		49X90369A20	CR1936M	VH5168-K	CR1994M
AG-1201	CR1902M	PV-2700R-K	CR1994M	07-28777-442	CR1935M	49X90369A22	CR1933M	VH5168-K	CR1994M
AG-1810	CR1902M	PV-2700W	CR1994M	07-28777-445	CR1936M	49X90473A11	CR1908M	VH5168-K	CR1994M
AG-2200	CR1902M	PV-2700W-K	CR1994M	07-28777-447	CR1933M	49X90473A38	CR1932M	VH5168-K	CR1994M
AG-6300MD	CR1994M	PV-3100	CR1906M	4835-402-97269	CR1922M	VXL0997	CR1920M	VH5168-K	CR1994M
AG-6650	CR1931M	PV-3200	CR1906M	4835-402-97273	CR1902M	VXLS0268	CR1902M	VH5168-K	CR1994M
AG-6651	CR1931M	PV-3700	CR1994M	4835-463-17007	CR1961M	VXLS0383	CR1994M	VH5168-K	CR1994M
AG-6800P	CR1931M	PV-3700-K	CR1994M	4835-464-77016	CR1911M	VXLS0454	CR1994M	VH5168-K	CR1994M
AG-6820	CR1931M	PV-3720	CR1994M	4835-464-77018	CR1932M	VXP0171	CR1936M	VH5168-K	CR1994M
NV-300EN	CR1925M	PV-3720-K	CR1994M	4835-464-77019	CR1908M	VXP0174	CR1933M	VH5168-K	CR1994M
NV-330PX	CR1925M	PV-3770	CR1994M	4835-464-77021	CR1902M	VXP0213	CR1935M	VH5168-K	CR1994M
NV-8310P	CR1933M	PV-3770-K	CR1994M	4835-464-77026	CR1994M	VXP0242	CR1954M	VH5168-K	CR1994M
NV-8350	CR1905M	PV-4000	CR1932M	7044250006	CR1906M	VXP0243	CR1976M	VH5168-K	CR1994M
PV-1061-K	CR1994M	PV-4100	CR1932M	7044250019	CR1911M	VXP0245	CR1933M	VH5168-K	CR1994M
PV-1220	CR1932M	PV-4700	CR1994M	7044250035	CR1961M	VXP0292	CR1954M	VH5168-K	CR1994M
PV-1222	CR1902M	PV-4700-K	CR1994M	7044250156	CR1935M	VXP0302	CR1985M	VH5168-K	CR1994M
PV-1225	CR1902M	PV-4720	CR1994M	7044250158	CR1936M	VXP0329	CR1906M	VH5168-K	CR1994M
PV-1230	CR1902M	PV-4750	CR1994M	7044250160	CR1933M	VXP0331	CR1911M	VH5168-K	CR1994M
PV-1231R	CR1902M	PV-4750-K	CR1994M	7044250337	CR1932M	VXP0343	CR1928M	VH5168-K	CR1994M
PV-1265	CR1932M	PV-4760	CR1994M	7044250343	CR1928M	VXP0344	CR1908M	VH5168-K	CR1994M
PV-1270	CR1906M	PV-4760-K	CR1994M	7044250414	CR1908M	VXP0401	CR1905M	VH5168-K	CR1994M
PV-1275	CR1906M	PV-4768	CR1994M	7044251178	CR1902M	VXP0433	CR1925M	VH5168-K	CR1994M
PV-1280	CR1932M	PV-4768-K	CR1994M	7044251192	CR1922M	VXP0463	CR1931M	VH5168-K	CR1994M
PV-1300	CR1908M	PV-4770	CR1994M	7096140040	CR1994M	VXP0515	CR1931M	VH5168-K	CR1994M
PV-1310	CR1932M	PV-4770-K	CR1994M	7340570898	CR1902M	VXP0521	CR1902M	VH5168-K	CR1994M
PV-1320	CR1932M	PV-4780	CR1994M					VH5168-K	CR1994M
PV-1321	CR1932M	PV-4780-K	CR1994M					VH5168-K	CR1994M
PV-1322	CR1932M	PV-6000	CR1902M					VH5168-K	CR1994M
		PV-6110	CR1902M					VH5168-K	CR1994M



# **Idleer Wheels and Assemblies —** **Replacement By VCR Brand Name (Cont'd)**

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
VH5856YE	CR1902M	<b>Repl. by Model No.</b>		VMT670HF	CR1950M	143-0-662T-15521	CR1949M	VC-586U	CR1904M
VH5857YE	CR1902M	<b>FF/REW Idler</b>		VPT200	CR1990M	143-0-662T-15620	CR1993M	VC-682U	CR1939M
VH5857-K	CR1902M	VET200	CR1908M	VPT250	■	143-0-741T-20001	CR1941M	VC-683U	CR1939M
VH5865	CR1994M	VET250	CR1908M	VPT289	■	<b>Repl. by Model No.</b>		VC-684U	CR1939M
VH5875	CR1994M	VET253	CR1908M	VPT290	■	<b>FF/REW Idler</b>		VC-685U	CR1939M
<b>Play Idler</b>		VET450	CR1908M	VPT291	■	VTC9100A	CR1918M	VC-686U	CR1939M
VH5000	CR1935M	VET450	CR1908M	VPT292	■	<b>Sears</b>		VC-785U	CR1939M
VH5010	CR1935M	VET650	CR1908M	VPT293	■	<b>Repl. by Part No.</b>		VC-797U	CR1939M
VH5011TW	CR1911M	VFP170	CR1921M	VPT294	■	46-131014-3	CR1911M	VC-3500	CR1901M
VH5021UW	CR1911M	VFT190	CR1906M	VPT295	■	46-131206-3	CR1932M	VC-5815U	CR1904M
VH5022UW	CR1911M	VFT193	CR1906M	VPT296	■	46-133058-3	CR1903M	VC-6730U	CR1939M
VH5031WW	CR1911M	VFT250	CR1908M	VPT385	■	46-221103-3	CR1903M	VC-6833U	CR1939M
VH5032WW	CR1911M	VFT450	CR1908M	VPT390	■	46-221422-3	CR1903M	VC-7842U	CR1939M
VH5100QW	CR1935M	VFT456	CR1908M	VPT395	■	46-221728-3	CR1950M	VC-7843U	CR1939M
VH5120UW	CR1911M	VFT650	CR1908M	VPT396	■	46-391141-3	CR1927M	VC-7844U	CR1939M
VH5125UW	CR1911M	VFT654	CR1908M	VPT490	■	46-391142-3	CR1930M	VC-7846U	CR1939M
VH5135WQ	CR1911M	VGP150	CR1921M	VPT495	■	46-391143-3	CR1953M	VC-7865U	CR1939M
VH5220UW	CR1911M	VGP170	CR1906M	VPT595	■	46-391187-3	CR1934M	VC-7864U	CR1939M
VH5230WQ	CR1911M	VG2205	CR1932M	VR250	CR1982M	46-391189-3	CR1907M	VC-9400	CR1901M
VH5235WQ	CR1911M	VG2207	CR1932M	VR285	CR1982M	46-391211-3	CR1980M	VC-9500	CR1901M
VH5356WQ	CR1911M	VG2225	CR1932M	VR290	CR1982M	46-391261-3	CR1907M	VC-9600	CR1901M
<b>Tension Band</b>		VJT250	CR1903M	VR295	CR1982M	46-391312-3	CR1980M	<b>Sony</b>	
VH5050YQ	CR1922M	VJT255	CR1903M	<b>Play Idler</b>		46-391476-3	CR1979M	<b>Repl. by Part No.</b>	
VH5051YQ	CR1922M	VJT275	CR1903M	VBT200	CR1935M	<b>Repl. by Model No.</b>		A-6706-348-B	CR1913M
VH5151YQ	CR1922M	VJT400	CR1903M	VCT200	CR1935M	<b>FF/REW Idler</b>		X-3659-324-0	CR1926M
VH5151-K	CR1922M	VJT425	CR1903M	VCT201	CR1935M	564.53071450	CR1907M	X-3646-027-A	CR1909M
VH5152YQ	CR1922M	VJT500	CR1938M	VCT201	CR1935M	564.53072450	CR1907M	<b>Sylvania</b>	
VH5153YQ	CR1922M	VJT700	CR1938M	VCT300	CR1935M	564.53400450	CR1907M	<b>Repl. by Part No.</b>	
VH5154XQ	CR1922M	VKT275	CR1903M	VCT310	CR1935M	934.38270700	CR1932M	07-28777-442	CR1935M
VH5154YQ	CR1922M	VKT300	CR1903M	VCT400	CR1935M	934.38310700	CR1932M	07-28777-445	CR1936M
VH5154-K	CR1922M	VKT310	CR1903M	VCT400X	CR1935M	934.53130250	CR1903M	07-28777-447	CR1933M
VH5156YQ	CR1922M	VKT325	CR1903M	VDT201	CR1935M	934.53161450	CR1903M	07-28817-423	CR1906M
VH5157YE	CR1922M	VKT326	CR1903M	VDT350	CR1935M	934.53281550	CR1903M	07-28977-415	CR1908M
VH5245XW	CR1922M	VKT375	CR1903M	VDT501	CR1935M	934.53281551	CR1903M	4835-402-97269	CR1922M
VH5246XQ	CR1922M	VKT385	CR1903M	VDT555	CR1935M	934.53286550	CR1903M	4835-402-97273	CR1902M
VH5246-K	CR1922M	VKT400	CR1903M	VDT600	CR1935M	934.53286551	CR1903M	4835-463-17007	CR1961M
VH5251YQ	CR1922M	VKT425	CR1903M	VDT625	CR1935M	934.53300450	CR1903M	4835-464-77016	CR1911M
VH5251-K	CR1922M	VKT430	CR1903M	VET180	CR1935M	934.53300450	CR1903M	4835-464-77018	CR1932M
VH5255YQ	CR1922M	VKT436	CR1903M	VFP170	CR1937M	934.53323550	CR1903M	4835-464-77019	CR1908M
VH5256YE	CR1922M	VKT550	CR1903M	VFT190	CR1911M	934.53360550	CR1903M	4835-464-77021	CR1902M
VH5346XE	CR1922M	VLT250	CR1903M	VFT193	CR1911M	934.53360551	CR1903M	4835-464-77026	CR1994M
VH5355-K	CR1922M	VLT260	CR1903M	VGP150	CR1937M	934.53380550	CR1903M	7044250006	CR1906M
VH5655YE	CR1922M	VLT270	CR1903M	VGP170	CR1937M	934.53380551	CR1903M	7044250019	CR1911M
VH5655-K	CR1922M	VLT375	CR1903M	VG2200	CR1911M	<b>Play Idler</b>		7044250035	CR1961M
VH5845XQ	CR1922M	VLT385	CR1903M	VG2203	CR1911M	564.53070350	CR1927M	7044250156	CR1935M
VH5845-K	CR1922M	VLT386	CR1903M	VG2205	CR1911M	934.38270700	CR1911M	7044250158	CR1936M
VH5846XE	CR1922M	VLT388	CR1903M	VG2207	CR1911M	934.38310700	CR1911M	7044250160	CR1933M
VH5856YE	CR1922M	VLT395	CR1903M	VG2225	CR1911M	<b>Reel Motor Roller</b>		7044250337	CR1932M
VH5857YE	CR1922M	VLT450	CR1903M	<b>Clutch</b>		564.53070350	CR1930M	7044250414	CR1908M
VH5857-K	CR1922M	VLT460	CR1903M	VFT250	CR1928M	564.53072450	CR1934M	7044250434	CR1928M
<b>RCA</b>		VLT470	CR1903M	VFT450	CR1928M	564.53400450	CR1934M	7044251178	CR1902M
<b>Repl. by Part No.</b>		VLT471	CR1903M	VFT456	CR1928M	<b>Gear Pulley</b>		7044251192	CR1922M
144262	CR1936M	VLT473	CR1903M	VFT650	CR1928M	564.53071450	CR1934M	7096140040	CR1994M
144263	CR1933M	VLT600HF	CR1903M	VFT654	CR1928M	564.53072450	CR1934M	7340570898	CR1902M
144265	CR1935M	VLT601HF	CR1903M	<b>Samsung</b>		564.53400450	CR1934M	<b>Repl. by Model No.</b>	
147060	CR1953M	VLT602HF	CR1903M	<b>Repl. by Part No.</b>		<b>Sharp</b>		<b>FF/REW Idler</b>	
147063	CR1930M	VLT603HF	CR1903M	5153-600-011	CR1990M	<b>Repl. by Part No.</b>		V1002SSL01	CR1932M
148193	CR1927M	VLT625HF	CR1903M	5224-704-2208	CR1947M	MGERH1004	CR1974M	VC2210	CR1906M
150614	CR1921M	VLT650HF	CR1903M	5253-701-1100	CR1984M	MLEVP0001	CR1967M	VC2212	CR1906M
150650	CR1937M	<b>Repl. by Model No.</b>		<b>Repl. by Model No.</b>		MGERH1020	CR1970M	VC2215BK01	CR1932M
152422	CR1928M	<b>FF/REW Idler</b>		<b>FF/REW Idler</b>		NIDL0005GEZZ	CR1901M	VC2220SL01	CR1902M
152674	CR1906M	VMT285	CR1950M	VT215T	CR1947M	NIDL0006GEZZ	CR1904M	VC2232SL01	CR1902M
152683	CR1911M	VMT285A	CR1950M	VT221T	CR1947M	NIDR0004	CR1919M	VC2233SL01	CR1902M
152706	CR1961M	VMT295	CR1950M	VT222T	CR1947M	NPLYV0051	CR1914M	VC2234SL01	CR1902M
153555	CR1988M	VMT296	CR1950M	VT225T	CR1947M	NPLYV0103GEZZ	CR1946M	VC2290BK01	CR1932M
155739	CR1932M	VMT297	CR1950M	VT226T	CR1947M	NPLYV0107GEZZ	CR1939M	VC2960SL01	CR1932M
157033	CR1903M	VMT298	CR1950M	VT228T	CR1947M	NPLYV0111GEZZ	CR1939M	VC2970SL01	CR1902M
157052	CR1980M	VMT385	CR1950M	<b>Sanyo</b>		VC-363U	CR1901M	VC2975GY01	CR1902M
158190	CR1938M	VMT385A	CR1950M	<b>Repl. by Part No.</b>		VC-381U	CR1901M	VC2976GY01	CR1902M
160018	CR1903M	VMT389	CR1950M	143-0-4204-00100	CR1927M	VC-385U	CR1901M	VC3110	CR1908M
160030	CR1980M	VMT390	CR1950M	143-0-4204-00200	CR1953M	VC-388U	CR1904M	VC3140SL01	CR1902M
162990	CR1903M	VMT392A	CR1950M	143-0-4204-00300	CR1907M	VC-481U	CR1904M	VC3145GY01	CR1902M
164039	CR1980M	VMT393	CR1950M	143-0-4204-00400	CR1907M	VC-482U	CR1904M	VC3146GY01	CR1902M
164089	CR1980M	VMT393A	CR1950M	143-0-4204-00700	CR1942M	VC-485U	CR1904M	VC3610	CR1908M
164113	CR1903M	VMT395	CR1950M	143-0-4804-00100	CR1930M	VC-487U	CR1904M	VC3645GY01	CR1902M
177194	CR1950M	VMT400	CR1950M	143-0-4904-00900	CR1934M	VC-489U	CR1904M	VC8922AT01	CR1994M
177206	CR1979M	VMT400	CR1950M	143-0-4904-02400	CR1951M	VC-563U	CR1901M	VC8930AT01	CR1994M
180931	■	VMT590	CR1950M	143-0-551T-01400	CR1964M	VC-581U	CR1904M	VC8932AT01	CR1994M
185421	CR1994M	VMT595	CR1950M	143-0-661T-03800	CR1965M	VC-583U	CR1904M	VC8936AT01	CR1994M
186480	CR1990M	VMT596	CR1950M	143-0-662T-01201	CR1978M	VC-583UB	CR1946M	VC8940AT01	CR1994M
187878	CR1990M	VMT597	CR1950M	143-0-662T-01202	CR1940M	VC-584U	CR1904M	VC8942AT01	CR1994M
188188	CR1994M	VMT598	CR1950M	143-0-662T-10340	CR1956M	<b>Repl. by Model No.</b>		VC8945AT01	CR1994M
192242	CR1982M	VMT598	CR1950M	143-0-662T-10350	CR1977M	<b>FF/REW Idler</b>		VC8946AT01	CR1994M
194883	■	VMT630HF	CR1950M	143-0-662T-14730	CR1963M	VC-583U	CR1904M	VC8950AT01	CR1994M
						VC-584U	CR1904M	VC8952AT01	CR1994M




■ Both Clutch and Idler Must Be Replaced By CR1950M and CR1979M.





Idler Wheels and Assemblies —  
Replacement By VCR Brand Name (cont'd)

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
VC8953AT01	CR1994M	VC2233SL01	CR1922M	861-00360	CR1909M	VR1860-1	CR1983M	VRD207	CR1983M
VC8954AT01	CR1994M	VC2234SL01	CR1922M	861-00488	CR1926M	VR1861	CR1983M	VRD208	CR1983M
VC8960AT01	CR1994M	VC2970SL01	CR1922M	861-00654-01	CR1991M	VR1861-1	CR1983M	VRD210	CR1983M
VC8970AT01	CR1994M	VC2975GY01	CR1922M	861-00656	CR1992M	VR1862	CR1983M	VRD230	CR1983M
VC8972AT01	CR1994M	VC2976GY01	CR1922M	948-00520	CR1983M	VR1862-1	CR1983M	VRD500ST	CR1983M
VP100WSL01	CR1902M	VC3140SL01	CR1922M	948-00522	CR1983M	VR1870	CR1983M	VRD505ST	CR1983M
<b>Play Idler</b>		VC3145GY01	CR1922M	948-00536	CR1983M	VR1870-1	CR1983M	VRD530HF	CR1983M
V1002SSL01	CR1911M	VC3146GY01	CR1922M	948-00536-01	CR1983M	VR2220	CR1983M	VRD600	CR1983M
VC2210	CR1911M	VC3645GY01	CR1922M	<b>Repl. by Model No.</b>		VR2220-1	CR1983M	VRD700HF	CR1983M
VC2212	CR1911M	VP100WSL01	CR1922M	<b>FF/REW Idler</b>		VR2225	CR1983M	VRE150	CR1983M
VC2215BK01	CR1911M	<b>Toshiba</b>		VR1810	CR1983M	VR2225-1	CR1983M	VRE155	CR1983M
VC2700	CR1935M	<b>Repl. by Part No.</b>		VR1810-1	CR1983M	VR2230	CR1983M	VRE200	CR1983M
VC2950BK01	CR1911M	7032683	CR1948M	VR1820	CR1983M	VR2235	CR1983M	VRE205	CR1983M
VC2960SL01	CR1911M	MI361964	CR1952M	VR1820-1	CR1983M	VR2300	CR1983M	VRE510HF	CR1983M
VC3000	CR1935M	<b>Zenith</b>		VR1825	CR1983M	VR3300	CR1983M	VRE550HF	CR1983M
<b>Tension Band</b>		<b>Repl. by Part No.</b>		VR1825-1	CR1983M	VRD100	CR1983M	VRS50	CR1983M
VC2230SL01	CR1922M	800-00997	CR1913M	VR1830	CR1983M	VRD200	CR1983M	VRS51	CR1983M
VC2232SL01	CR1922M			VR1860	CR1983M	VRD205	CR1983M		
						VRD206	CR1983M		

Idler Tires













<b>CR1651M</b>																												
	<b>Replaces</b> <u>Sharp</u> NIDL0005GEZZ																											
<b>CR1652M</b>																												
	<b>Replaces</b> <table><tr><td><u>GE</u></td><td><u>JC Penney</u></td><td><u>Magnavox</u></td></tr><tr><td>EW2X953</td><td>1218-2036</td><td>7044250524</td></tr><tr><td></td><td></td><td>7044251178</td></tr><tr><td><u>Panasonic</u></td><td><u>Philco</u></td><td><u>Quasar</u></td></tr><tr><td>VXP0521*</td><td>7044250524</td><td>VXPS0116</td></tr><tr><td>VXPS0069</td><td>7044251178</td><td></td></tr><tr><td>VXPS0116</td><td></td><td></td></tr><tr><td><u>RCA</u></td><td><u>Sylvania</u></td><td></td></tr><tr><td>155574</td><td>7044250524</td><td>7044251178</td></tr></table> <b>Dimensions</b> 1.20" (30.5) OD x .98" (25) ID x .12" (3) W	<u>GE</u>	<u>JC Penney</u>	<u>Magnavox</u>	EW2X953	1218-2036	7044250524			7044251178	<u>Panasonic</u>	<u>Philco</u>	<u>Quasar</u>	VXP0521*	7044250524	VXPS0116	VXPS0069	7044251178		VXPS0116			<u>RCA</u>	<u>Sylvania</u>		155574	7044250524	7044251178
<u>GE</u>	<u>JC Penney</u>	<u>Magnavox</u>																										
EW2X953	1218-2036	7044250524																										
		7044251178																										
<u>Panasonic</u>	<u>Philco</u>	<u>Quasar</u>																										
VXP0521*	7044250524	VXPS0116																										
VXPS0069	7044251178																											
VXPS0116																												
<u>RCA</u>	<u>Sylvania</u>																											
155574	7044250524	7044251178																										
<b>CR1652M-1</b>																												
	<b>Replaces</b> <u>Panasonic</u> VXP0521* <b>Dimensions</b> 1.20" (30.5) OD x .91" (23) ID x .12" (3) W																											

<b>CR1653M</b>																	
	<b>Replaces</b> <table><tr><td><u>GE</u></td><td><u>Hitachi</u></td></tr><tr><td>EW2X335</td><td>6865571</td></tr><tr><td></td><td>6865575</td></tr><tr><td><u>RCA</u></td><td>6875371</td></tr><tr><td>157033</td><td>6875372</td></tr><tr><td>160018</td><td>6886971</td></tr><tr><td>162990</td><td></td></tr><tr><td>164113</td><td></td></tr></table>	<u>GE</u>	<u>Hitachi</u>	EW2X335	6865571		6865575	<u>RCA</u>	6875371	157033	6875372	160018	6886971	162990		164113	
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	<b>Replaces</b> <table><tr><td><u>Emerson</u></td><td><u>Samsung</u></td></tr><tr><td>70326538</td><td>5224-704-2208</td></tr><tr><td><u>Sharp</u></td><td></td></tr><tr><td>NIDL0006GEZZ</td><td></td></tr></table>	<u>Emerson</u>	<u>Samsung</u>	70326538	5224-704-2208	<u>Sharp</u>		NIDL0006GEZZ									
<u>Emerson</u>	<u>Samsung</u>																
70326538	5224-704-2208																
<u>Sharp</u>																	
NIDL0006GEZZ																	

\* May be replaced by CR1652M or CR1652M-1. Measure original tire for exact replacement.

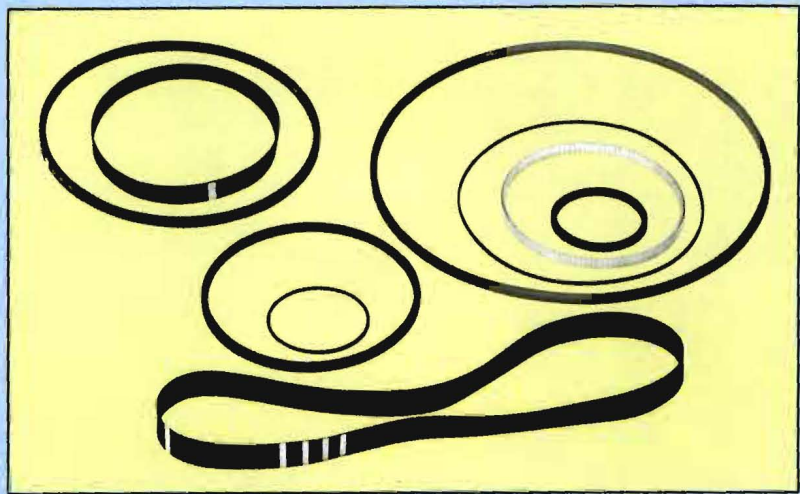


# VCR Modulators

<b>CR101</b> 	<b>Replaces</b> <b>Akai</b> EGO-11-097USA
<b>CR102</b> 	<b>Replaces</b> <b>Emerson</b> MDF33VA3409
<b>CR103</b> 	<b>Replaces</b> <b>Emerson</b> MDF8VA3422
<b>CR104</b> 	<b>Replaces</b> <b>Fisher</b> 143-9-4300-57500 143-9-4300-57501 <b>Sanyo</b> 4-1164-031600 4-1164-031610 4-1164-031620
<b>CR105</b> 	<b>Replaces</b> <b>JVC</b> PU52135
<b>CR106</b> 	<b>Replaces</b> <b>Mitsubishi</b> PU57855-01
<b>CR107</b> 	<b>Replaces</b> <b>Sharp</b> RTUNE0149GEZZ RTUNE0188GEZZ
<b>CR108</b> 	<b>Replaces</b> <b>Toshiba</b> MSU911
<b>CR109</b> 	<b>Replaces</b> <b>Toshiba</b> MSU951
<b>CR110</b> 	<b>Replaces</b> <b>Sanyo</b> 4-1164-131600
<b>CR111</b> 	<b>Replaces</b> <b>Sanyo</b> 4-1164-231600
<b>CR112</b> 	<b>Replaces</b> <b>Samsung</b> 62569-002-035



# Belt Kits



For replacement by VCR model number refer to page 23. For replacement of individual belts by part number refer to page 26.

ECG Kit No.	No. of Belts In Kit
CR1401K	10
CR1402K	6
CR1403K ▲	3
CR1404K ▲	3
CR1405K ▲	3
CR1406K ▲	3
CR1407K ▲	3
CR1421K	2
CR1422K	7
CR1423K	7
CR1424K	3
CR1425K	6
CR1426K	6
CR1427K	6
CR1428K	6
CR1429K	3
CR1430K	4
CR1431K	2
CR1432K	3
CR1433K	3
CR1434K	7

ECG Kit No.	No. of Belts In Kit
CR1435K	6
CR1436K	7
CR1437K	5
CR1438K	4
CR1439K	6
CR1440K	6
CR1441K	6
CR1442K	11
CR1443K	6
CR1444K	7
CR1445K	5
CR1446K	6
CR1447K	7
CR1448K	4
CR1449K	6
CR1450K	7
CR1451K	6
CR1452K	3
CR1453K	2
CR1454K	5
CR1455K	6

ECG Kit No.	No. of Belts In Kit
CR1456K	5
CR1457K	3
CR1458K	2
CR1459K	6
CR1460K	2
CR1461K	2
CR1462K	6
CR1463K	3
CR1464K	3
CR1465K	2
CR1466K	4
CR1467K	3
CR1468K	4
CR1469K	3
CR1470K	6
CR1471K	2
CR1472K	3
CR1473K	2
CR1474K	2

▲ — Capstan Belt Kit



# Belt Kits —

## Replacement By VCR Brand Name and Model Number

Model Number	ECG Replacement	Model Number	ECG Replacement	Model Number	ECG Replacement	Model Number	ECG Replacement	Model Number	ECG Replacement
<b>AKAI</b>		9-7275	CR1461K	HR3300	CR1422K	<b>Mitsubishi</b>		PV1561-K	CR1461K
9300	CR1443K	9-7276	CR1461K	HR3320	CR1422K	HS306UR	CR1466K	PV1562	CR1461K
9500	CR1443K	9-7320	CR1461K	HR3330	CR1422K	HS316UR	CR1466K	PV1563	CR1461K
9800	CR1443K	9-7350	CR1461K	HR3360	CR1423K	HS318UR	CR1466K	PV1563-K	CR1461K
<b>Emerson</b>		9-7400	CR1461K	HR3600	CR1422K	<b>NEC</b>		PV1564	CR1461K
VCR900	CR1466K	9-7500	CR1461K	HR4000	CR1423K	N830	CR1468K	PV1565	CR1461K
VCR910	CR1466K	9-7515	CR1461K	HR4600	CR1422K	N831EC	CR1468K	PV1566	CR1461K
VCR950	CR1466K	9-7520	CR1461K	HR4100	CR1422K	N831EU	CR1468K	PV1567T	CR1461K
<b>Fisher</b>		9-7615	CR1461K	HR6700	CR1422K	N833EU	CR1468K	PV1600	CR1403K
FVH615	CR1463K	9-7620	CR1461K	HR7200	CR1452K	<b>Panasonic</b>		PV1640	CR1460K
FVH650	CR1465K	9-7655	CR1461K	HR7600	CR1424K	AG6300MD	CR1461K	PV1642	CR1461K
FVH715	CR1463K	9-7715	CR1461K	HR7650	CR1424K	NV300	CR1440K	PV1642-K	CR1461K
FVH720	CR1463K	9-7755	CR1461K	HR7700	CR1421K	NV300EN	CR1455K	PV1700	CR1461K
FVH720R	CR1463K	<b>Hitachi</b>		<b>Magnavox</b>		NV333	CR1454K	PV1740	CR1460K
FVH720R	CR1463K	VT11	CR1451K	VR8200	CR1401K	NV340EN	CR1456K	PV1740-K	CR1460K
FVH721	CR1463K	VT11A	CR1451K	VR8200BR01	CR1407K	NV370	CR1457K	PV1742	CR1461K
FVH722	CR1463K	VT12AX	CR1451K	VJ8220	CR1401K	NV380EN	CR1458K	PV1750	CR1402K
FVH725	CR1463K	VT12AY	CR1451K	VJ8220BR01	CR1407K	NV390EN	CR1459K	PV1770	CR1402K
FVH730	CR1433K	VT15A	CR1451K	VJ8222BR01	CR1403K	NV777	CR1438K	PV2700B	CR1461K
FVH805A	CR1472K	VT16A	CR1451K	VJ8225BR01	CR1407K	NV1000A	CR1401K	PV2700B-K	CR1461K
FVH810	CR1472K	VT16AY	CR1451K	VK8225	CR1401K	NV1300	CR1402K	PV2700R	CR1461K
FVH815	CR1463K	VT18A	CR1451K	VK8227BR01	CR1403K	NV2000	CR1439K	PV2700R-K	CR1461K
FVH816	CR1472K	VT19A	CR1451K	VK8310BK01	CR1403K	NV3000	CR1439K	PV2700W	CR1461K
FVH820	CR1463K	VT33A	CR1451K	VR8306BK01	CR1406K	NV7000	CR1437K	PV2700W-K	CR1461K
FVH822	CR1472K	VT35A	CR1451K	VR8310BK01	CR1403K	NV7200	CR1437K	PV3000	CR1404K
FVH825	CR1472K	VT43AY	CR1451K	VR8316BK01	CR1404K	NV8150	CR1401K	PV3700	CR1461K
FVH830	CR1463K	VT44AY	CR1451K	VR8318BK01	CR1406K	NV8160	CR1401K	PV3700-K	CR1461K
FVH839	CR1463K	VT45AY	CR1451K	VR8325BK01	CR1402K	NV8310	CR1401K	PV3770	CR1461K
FVH840	CR1463K	VT56A	CR1462K	VR8327BK01	CR1406K	NV8600	CR1441K	PV3770-K	CR1461K
FVH904A	CR1464K	VT60A	CR1462K	VR8330	CR1402K	NV8620	CR1441K	PV4700	CR1461K
FVH905	CR1464K	VT61A	CR1462K	VR8335BK01	CR1402K	PV1000	CR1407K	PV4700-K	CR1461K
FVH905A	CR1464K	VT62A	CR1462K	VR8350BK01	CR1404K	PV1061-K	CR1461K	PV4720	CR1461K
FVH906	CR1464K	VT63A	CR1462K	VR8355BK01	CR1405K	PV1100	CR1407K	PV4720-K	CR1461K
FVH907	CR1464K	VT71A	CR1462K	VR8400BK01	CR1406K	PV1100	CR1401K	PV4750	CR1461K
FVH908	CR1465K	VT73AY	CR1462K	VR8402BK01	CR1406K	PV1200	CR1403K	PV4750-K	CR1461K
FVH919	CR1464K	VT74AY	CR1462K	VR8405SL01	CR1460K	PV1210	CR1403K	PV4760	CR1461K
FVH920	CR1464K	VT76AY	CR1462K	VR8408SL01	CR1460K	PV1222	CR1460K	PV4760-K	CR1461K
FVH922	CR1472K	VT78AY	CR1462K	VR8500SL01	CR1460K	PV1225	CR1460K	PV4768	CR1461K
FVH930	CR1472K	VT86A	CR1462K	VR8505SL01	CR1460K	PV1230	CR1460K	PV4768-K	CR1461K
FVH940	CR1464K	VT88A	CR1451K	VR8510SL01	CR1460K	PV1231R	CR1460K	PV4770	CR1461K
FVH950	CR1465K	VT89A	CR1451K	VR8515GY01	CR1460K	PV1265	CR1406K	PV4770-K	CR1461K
FVH960	CR1463K	VT330A	CR1451K	VR8520SL01	CR1460K	PV1270	CR1404K	PV4780	CR1461K
FVH980	CR1465K	VT1100A	CR1462K	VR8525GY01	CR1460K	PV1275	CR1404K	V1001QBK01	CR1406K
FVH990	CR1465K	VT1100AR	CR1462K	VR8530SL01	CR1460K	PV1300	CR1402K	V1002SSL01	CR1406K
FVH4000	CR1465K	VT1105A	CR1462K	VR8535GY01	CR1460K	PV1310	CR1405K	V1003TSL01	CR1460K
FVH4100	CR1465K	VT1110A	CR1462K	VR8540SL01	CR1460K	PV1330	CR1460K	V1004TSL01	CR1460K
FVH4200	CR1465K	VT1200A	CR1462K	VR8544SL01	CR1460K	PV1330K	CR1460K	V1010	CR1403K
FVH5400	CR1465K	VT1300A	CR1462K	VR8545GY01	CR1460K	PV1332	CR1460K	V1011	CR1404K
FVH5500	CR1465K	VT1305A	CR1462K	VR8550GY01	CR1460K	PV1334R	CR1460K	V1012	CR1404K
FVH5550	CR1465K	VT1310A	CR1462K	VR8555GY01	CR1460K	PV1334R-K	CR1460K	V1100	CR1401K
FVH721	CR1471K	VT1320A	CR1462K	VR9500AT01	CR1461K	PV1340	CR1460K	V1100	CR1407K
<b>General Electric</b>		VT1350A	CR1462K	VR9502AT01	CR1461K	PV1342	CR1460K	V1300	CR1403K
1CVP2020X	CR1405K	VT1370A	CR1462K	VR9510AT01	CR1461K	PV1361	CR1461K	V1320TGY01	CR1460K
1VCR4002X	CR1406K	VT1400A	CR1462K	VR9512AT01	CR1461K	PV1362-K	CR1461K	V1330	CR1402K
1VCR5002X	CR1460K	VT1410A	CR1462K	VR9520AT01	CR1461K	PV1364	CR1461K	V1330QBK01	CR1406K
1VCR6002X	CR1460K	VT1430A	CR1462K	VR9522AT01	CR1461K	PV1364-K	CR1461K	V1441	CR1402K
1VCR6003X	CR1460K	VT1450A	CR1462K	VR9525AT01	CR1461K	PV1366	CR1461K	V1500	CR1401K
1VCR6004X	CR1460K	VT1570A	CR1462K	VR9530AT01	CR1461K	PV1366-K	CR1461K	V1510	CR1403K
1VCR6010X	CR1460K	VT1720A	CR1462K	VR9535AT01	CR1461K	PV1370	CR1402K	V1550	CR1402K
1VCR6011X	CR1460K	VT2060A	CR1462K	VR9540AT01	CR1461K	PV1400	CR1402K	V1551	CR1405K
1VCR6012X	CR1460K	VT5000	CR1434K	VR9545AT01	CR1461K	PV1442	CR1460K	V1561TGY01	CR1460K
1VCR6013X	CR1460K	VT5030	CR1434K	VR9547AT01	CR1461K	PV1442-K	CR1460K	V1670TGY01	CR1460K
1VCR6014X	CR1460K	VT5500	CR1434K	VR9550AT01	CR1461K	PV1445	CR1460K	VC1000SL01	CR1460K
1VCR6018X	CR1460K	VT7000A	CR1433K	VR9558AT01	CR1461K	PV1445-K	CR1460K	VT8720AT01	CR1461K
1VCR9000W	CR1401K	VT7500A	CR1433K	VR9560AT01	CR1461K	PV1460	CR1461K	VT8725AT01	CR1461K
9-7100	CR1461K	VT8000	CR1433K	VR9565AT01	CR1461K	PV1461	CR1461K	VT8730AT01	CR1461K
9-7110	CR1461K	VT8500A	CR1433K	VR9602AT01	CR1461K	PV1461-K	CR1461K	VT8735AT01	CR1461K
9-7115	CR1461K	<b>JC Penney</b>		VR9610AT01	CR1461K	PV1462	CR1461K	VT8742AT01	CR1461K
9-7120	CR1461K	685-5001-00	CR1401K	VR9614AT01	CR1461K	PV1470	CR1402K	VT8750AT01	CR1461K
9-7135	CR1461K	685-5006-00	CR1403K	VR9622AT01	CR1461K	PV1500	CR1401K	VT8760AT01	CR1461K
9-7140	CR1461K	685-5007-00	CR1403K	VR9624AT01	CR1461K	PV1500	CR1407K	VT8762AT01	CR1461K
9-7145	CR1461K	685-5012-00	CR1404K	VR9625AT01	CR1461K	PV1535	CR1460K	VT8765AT01	CR1461K
9-7150	CR1461K	686-5013-00	CR1402K	VR9630AT01	CR1461K	PV1535-K	CR1460K	VT8770AT01	CR1461K
9-7156	CR1461K	686-5020-00	CR1406K	VR9640AT01	CR1461K	PV1540	CR1460K	VPH731TH01	CR1461K
9-7175	CR1461K	686-5021-00	CR1406K	VR9642AT01	CR1461K	PV1560	CR1461K	VPH735TD01	CR1461K
9-7176	CR1461K	686-5026-00	CR1406K	VR9645AT01	CR1461K	PV1561	CR1461K		
9-7215	CR1461K	686-5060-00	CR1460K	VR9652AT01	CR1461K				
9-7245	CR1461K	686-5074-00	CR1460K	VR9655AT01	CR1461K				
9-7250	CR1461K	<b>JVC</b>		VR9664AT01	CR1461K				
9-7256	CR1461K	HR2200	CR1453K	VR9670AT01	CR1461K				
9-7270	CR1461K			VR9680AT01	CR1461K				



### Replacement By VCR Brand Name and Model Number (Cont'd)

\* The CB1442K Belt Kit can be used for most Sharp VCRs.



# VCR Belt Specifications

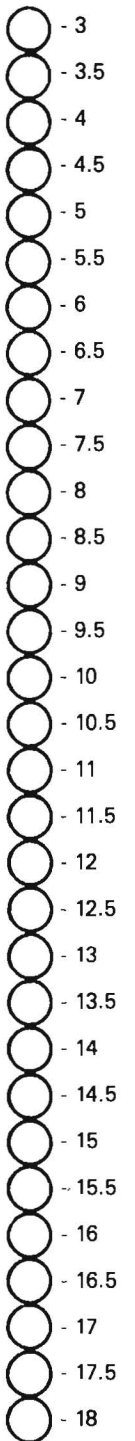
ECG Repl.	Cross-Section	VCR Belt Application	Belt Length Inside Circumference		Belt Thickness		Belt Width	
			Inches	MM	Inches*	MM	Inches*	MM
CR1000B	=====	Capstan B	12.63	320.9	.022	0.55	.315	8.0
CR1001B	=====	Capstan C	12.63	320.9	.023	0.58	.315	8.0
CR1002B	=====	Capstan D/A	12.63	320.9	.024	0.62	.315	8.0
CR1003B	=====	Capstan A	12.14	308.3	.020	0.52	.315	8.0
CR1004B	=====	Capstan B	12.14	308.3	.022	0.55	.315	8.0
CR1005B	=====	Capstan C	12.14	308.3	.022	0.57	.315	8.0
CR1006B	=====	Capstan A	12.13	308	.020	0.52	.276	7.0
CR1007B	=====	Capstan B	12.13	308	.022	0.55	.276	7.0
CR1008B	=====	Capstan C	12.13	308	.022	0.57	.276	7.0
CR1009B	=====	Capstan A	12.00	304.9	.020	0.52	.276	7.0
CR1010B	=====	Capstan B	12.00	304.9	.022	0.55	.276	7.0
CR1011B	=====	Capstan C	12.00	304.9	.022	0.57	.276	7.0
CR1012B	=====	Capstan A	12.63	320.9	.020	0.50	.315	8.0
CR1013B	=====	Capstan B	12.63	320.9	.022	0.55	.315	8.0
CR1014B	=====	Capstan C	12.63	320.9	.024	0.60	.315	8.0
CR1051B	•	Counter	8.73	221.8	.039	1.0		
CR1052B	•	Counter	5.91	150.2	.047	1.2		
CR1053B	•	Counter	3.28	83.3	.047	1.2		
CR1054B	•	Counter	3.15	80.1	.047	1.2		
CR1055B	•	Counter	4.99	126.8	.039	1.0		
CR1056B	•	Counter	3.79	96.2	.039	1.0		
CR1057B	•	Counter	8.96	227.5	.039	1.0		
CR1058B	•	Counter	3.37	85.1	.039	1.0		
CR1060B	•	Counter	8.31	211.2	.047	1.2		
CR1061B	•	Counter	3.92	99.6	.047	1.2		
CR1062B	•	Counter	3.63	92.2	.047	1.2		
CR1063B	•	Counter	7.68	195	.039	1.0		
CR1064B	•	Counter	1.35	108	.039	1.0		
CR1065B	•	Counter	4.5	114.4	.039	1.0		
CR1066B	•	Counter	7.75	196.9	.039	1.0		
CR1067B	•	Counter	5.00	127.0	.039	1.0		
CR1068B	•	Counter	4.17	105.9	.039	1.0		
CR1069B	■	Counter	6.41	162.8	.055	1.4		
CR1101B	■	Loading	3.29	83.5	.047	1.2		
CR1102B	■	Loading	3.24	82.3	.079	2.0		
CR1103B	■	Loading	13.54	343.8	.075	1.9		
CR1104B	■	Loading	12.61	320.2	.077	1.95		
CR1105B	■	Loading	5.53	140.5	.077	1.96		
CR1106B	■	Loading	3.20	81.4	.077	1.96		
CR1107B	■	Loading	4.50	114.4	.047	1.2		
CR1151B	■	Play	10.51	266.9	.094	2.4		
CR1152B	■	Play/Idler	7.00	177.9	.031	0.8	.236	6.0
CR1153B	■	Play/Idler	9.74	247.3	.098	2.5		
CR1154B	■	Kick Pulley	7.11	180.5	.084	2.14		
CR1155B	■	Play	6.53	165.9	.053	1.35		
CR1201B	■	Fast Forward	12.09	307.2	.096	2.45		
CR1202B	■	Fast Forward	14.11	358.3	.094	2.38		
CR1204B	■	Fast Forward	14.04	356.7	.094	2.38		
CR1251B	■	Play	14.66	372.4	.089	2.27		
CR1252B	■	Reel	9.66	245.4	.094	2.4		
CR1253B	■	Reel	14.20	360.8	.089	2.27		
CR1254B	■	Reel	9.87	250.8	.063	1.6		
CR1301B	†	Timing	6.18	157.0	.079	2.01	.129	3.28
CR1302B	†	Timing	6.20	157.5	.073	1.85	.129	3.28
CR1351B	●	Unloading	14.17	359.8	.079	2.0		

\* Dimensions in inches calculated to three decimal places.

† Toothed Belt.



The gauge at the right is for measuring, in inches, the inside circumference of VCR belts. Place the inside edge of the belt to be measured around the outer edge of the black circle. Now place the other end of the belt, without stretching it, around the outer edge of the appropriate circle.





# Individual Belts —

## Replacement By VCR Brand Name and Part Number

Part Number	ECG Replacement	Part Number	ECG Replacement	Part Number	ECG Replacement	Part Number	ECG Replacement	Part Number	ECG Replacement
<b>Fisher</b>		44C001-6	CR1254B	645143-247	CR1461K*	07-28815-516	CR1101B	144261	CR1052B
143-2-7504-00300	CR1463K*	44C001-8	CR1052B	645143-258	CR1461K*	07-28816-458	CR1002B	144266	CR1014B
143-2-7504-00400	CR1463K*	44C001-11	CR1051B	645143-259	CR1461K*	07-28816-459	CR1000B	144267	CR1254B
143-2-7504-00500	CR1463K*	44C001-23	CR1152B	645920-221	CR1201B	07-28816-460	CR1001B	144605	CR1012B
143-2-7504-00600	CR1463K*	44C001-24	CR1351B	649520-57	CR1461K*	07-28816-472	CR1060B	144606	CR1013B
143-2-7504-00700	CR1463K*	44C001-25	CR1101B	<b>Panasonic</b>		07-28816-531	CR1153B	144958	CR1053B
143-2-7504-00900	CR1465K*	44C001-27	CR1061B	VDV0072	CR1253B	07-28817-477	CR1107B	146967	CR1002B
143-2-7504-01000	CR1464K*	44C001-30A	CR1002B	VDV0074	CR1106B	07-28817-478	CR1103B	146968	CR1000B
143-2-7504-01100	CR1464K*	44C001-30B	CR1000B	VDV0075	CR1051B	07-28817-571	CR1003B	146969	CR1001B
143-2-7504-01300	CR1465K*	44C001-30C	CR1001B	VDV0076	CR1052B	07-28817-572	CR1004B	147756	CR1054B
<b>General Electric</b>		44C001-30D	CR1002B	VDV0092	CR1254B	07-28817-573	CR1005B	147880	CR1006B
EP2X409	CR1008B	44C001-31	CR1251B	VDV0094A	CR1012B	07-28977-500	CR1155B	147881	CR1007B
EP2X409	CR1007B	44C001-35	CR1153B	VDV0094B	CR1013B	07-28977-505	CR1057B	147882	CR1008B
EP2X409	CR1006B	44C001-36	CR1102B	VDV0094C	CR1014B	07-28977-547	CR1058B	147883	CR1009B
EW2X382	CR1253B	4835-358-37014	CR1201B	VDV0101	CR1053B	07-28977-589	CR1251B	147916	CR1251B
EW2X383	CR1254B	4835-358-37015	CR1201B	VDV0108	CR1054B	07-28977-612	CR1201B	148664	CR1107B
EW2X384	CR1013B	4835-358-37016	CR1107B	VDV0122	CR1107B	07-46100-458	CR1202B	148665	CR1007B
EW2X385	CR1106B	4835-358-37017	CR1063B	VDV0123	CR1103B	07-46100-459	CR1009B	148666/152413	CR1155B
EW2X386	CR1051B	4835-358-37018	CR1106B	VDV0125	CR1056B	07-46100-460	CR1010B	148668	CR1057B
EW2X387	CR1052B	4835-358-37019	CR1155B	VDV0130	CR1056B	07-46100-461	CR1011B	149432	CR1058B
EW2X407	CR1103B	4835-358-37021	CR1460K*	VDV0141	CR1302B	07-46100-462	CR1103B	149639	CR1056B
EW2X408	CR1107B	4835-358-37022	CR1461K*	VDV0216	CR1155B	07-46100-504	CR1063B	152412	CR1103B
EW2X410	CR1202B	4835-358-37023	CR1461K*	VDV0217	CR1057B	07-46100-523	CR1064B	152663	CR1201B
EW2X415	CR1055B	4835-358-37031	CR1004B	VDV0218	CR1058B	07-46100-627	CR1056B	152665	CR1003B
EW2X475	CR1012B	4835-358-37032	CR1253B	VDVS0001	CR1060B			152666	CR1004B
EW2X576	CR1204B	4835-358-37033	CR1153B	VDVS0002	CR1101B	<b>Quasar</b>		152667	CR1005B
EW2X577	CR1009B	4835-358-37034	CR1101B	VDVS0003	CR1151B	42-90241A15	CR1069B	152673	CR1063B
EW2X578	CR1010B	4835-358-37038	CR1069B	VDVS0004	CR1351B	42-90241A16	CR1204B	152713	CR1064B
EW2X579	CR1011B	4835-358-37039	CR1204B	VDVS0005	CR1152B	42-90241A17	CR1104B	154676	CR1154B
EW2X580	CR1104B	4835-358-37041	CR1104B	VDVS0006	CR1152B	42-90241A50	CR1105B	154709	CR1065B
EW2X582	CR1069B	4835-358-37042	CR1301B	VDVS0008	CR1062B	42-90275A05	CR1301B	155803/155804	CR1202B
EW2X592	CR1301B	4835-358-37043	CR1105B	VDVS0010	CR1062B	42-90275A07	CR1154B	155805	CR1009B
EW2X850	CR1105B	4835-358-37048	CR1461K*	VDVS0011	CR1102B	42-90275A08	CR1065B	155806	CR1010B
EW2X906	CR1460K*	4835-358-37084	CR1064B	VDVS0012B	CR1000B	42-90275A44	CR1066B	155807	CR1011B
EW2X907	CR1460K*	4835-358-37085	CR1012B	VDVS0012C	CR1001B	42-90275A45	CR1067B	155813	CR1066B
EW2X2783	CR1461K*	4835-358-37088	CR1461K*	VDVS0012D	CR1002B	42-90275A47	CR1009B	155826	CR1067B
EW2X3108	CR1461K*	4835-358-37089	CR1057B	VDVS0013	CR1251B	42-90275A48	CR1010B	156172	CR1068B
EW2X3109	CR1461K*	645143-1	CR1009B	VDVS0015	CR1153B	42-90275A49	CR1011B	157053	CR1451K*
<b>Hitachi</b>		645143-2	CR1010B	VDVS0016	CR1252B	42-90275A67	CR1068B	157061	CR1451K*
6355561	CR1451K*	645143-3	CR1011B	VDVS0018A	CR1003B	42-90348A30	CR1106B	157062	CR1451K*
6355581	CR1451K*	645143-4	CR1201B	VDVS0018B	CR1004B	42-90348A33	CR1012B	157064	CR1451K*
6355591	CR1451K*	645143-5	CR1003B	VDVS0018C	CR1005B	42-90348A34	CR1013B	157065	CR1451K*
6355601	CR1451K*	645143-6	CR1004B	VDVS0019	CR1201B	42-90348A35	CR1014B	163879	CR1462K*
6357531	CR1451K*	645143-7	CR1005B	VDVS0020	CR1103B	42-90348A36	CR1253B	163880	CR1462K*
<b>JC Penney</b>		645143-8	CR1107B	VDVS0021A	CR1006B	42-90348A37	CR1254B	163895	CR1462K*
1005-9616	CR1003B	645143-9	CR1103B	VDVS0021B	CR1007B	42-90348A43	CR1052B	163896	CR1462K*
1005-9624	CR1004B	645143-10	CR1063B	VDVS0021C	CR1008B	42-90348A47	CR1051B	177208	CR1462K*
1005-9632	CR1005B	645143-11	CR1064B	VDVS0022	CR1202B	42-90371A73	CR1302B	185271	CR1461K*
1005-9780	CR1063B	645143-12	CR1064B	VDVS0023	CR1063B	42-90397A54	CR1063B	185272	CR1461K*
1006-0259	CR1064B	645143-14	CR1302B	VDVS0024	CR1064B	42-90397A56	CR1064B		
1040-0372	CR1154B	645143-16	CR1106B	VDVS0028	CR1154B	42-90428A04	CR1060B		
1127-4677	CR1106B	645143-17	CR1012B	VDVS0029A	CR1009B	42-90428A16	CR1151B	46-39599-3	CR1451K*
1143-7894	CR1107B	645143-18	CR1253B	VDVS0029B	CR1010B	42-90428A17	CR1152B	46-39605-3	CR1451K*
1147-4608	CR1155B	645143-19	CR1254B	VDVS0029C	CR1011B	42-90428A18	CR1351B	46-39959-3	CR1451K*
1147-4665	CR1507B	645143-20	CR1052B	VDVS0030	CR1301B	42-90428A19	CR1101B	46-39966-3	CR1451K*
1151-6259	CR1201B	645143-24	CR1013B	VDVS0031	CR1065B	42-90428A26	CR1101B	46-39967-3	CR1451K*
1156-3285	CR1103B	645143-25	CR1014B	VDVS0032	CR1066B	42-90428A35	CR1061B	46-39969-3	CR1451K*
1156-8797	CR1058B	645143-26	CR1062B	VDVS0033	CR1067B	42-90428A36	CR1002B	46-39971-3	CR1451K*
1160-1366	CR1202B	645143-23	CR1151B	VDVS0034	CR1068B	42-90428A37	CR1000B	46-391188-3	CR1463K*
1170-8062	CR1009B	645143-31	CR1152B	VDVS0037	CR1069B	42-90428A38	CR1001B	46-391244-3	CR1463K*
1170-8070	CR1010B	645143-32	CR1351B	VDVS0038	CR1204B	42-90428A48	CR1062B	46-391259-3	CR1463K*
1170-8088	CR1011B	645143-33	CR1101B	VDVS0039	CR1104B	42-90428A49	CR1153B	46-391317-3	CR1451K*
1184-7662	CR1068B	645143-37	CR1002B	VDVS0040	CR1105B	42-90428A60	CR1251B	46-391318-3	CR1451K*
1185-1888	CR1066B	645143-38	CR1000B	VDVS0042	CR1460K*	42-90428A65	CR1252B	46-391468-3	CR1470K*
1185-2100	CR1067B	645143-39	CR1001B	VDVS0043	CR1460K*	42-90428A84	CR1107B		
1218-1020	CR1460K*	645143-40	CR1060B	VDVS0047	CR1461K*	42-90428A85	CR1103B		
1218-1038	CR1460K*	645143-47	CR1153B	VDVS0048	CR1461K*	42-90428A89	CR1055B	832-301	CR1473K*
<b>JVC</b>		645143-58	CR1202B	VDVS0052	CR1461K*	42-90467A06	CR1004B	832-302	CR1473K*
PQM30003-10	CR1473K*	645143-64	CR1056B	VDVS0053	CR1461K*	42-90467A28	CR1155B	832-319	CR1474K*
PQM30003-14	CR1473K*	645143-66	CR1155B	VDVS0057	CR1201B	42-90467A31	CR1057B	832-320	CR1474K*
PQM30003-17	CR1474K*	645143-67	CR1057B	VDVS0066	CR1201B	42-90467A32	CR1058B	832-320-1	CR1474K*
PQM30003-18	CR1474K*	645143-68	CR1058B			42-90467A33	CR1201B	832-327	CR1474K*
PQM30003-19	CR1474K*	645143-70	CR1154B	<b>Philco/Sylvania</b>		42-90467A46	CR1056B		
PQM30003-20	CR1474K*	645143-73	CR1065B	07-28777-426	CR1013B	42-90467A63	CR1003B		
<b>Magnavox</b>		645143-74	CR1065B	07-28777-427	CR1014B	42-90467A64	CR1005B		
44C001-2	CR1106B	645143-76	CR1067B	07-28777-510	CR1106B	42-90467A67	CR1103B		
44C001-4A	CR1012B	645143-86	CR1068B	07-28777-608	CR1012B	42-90467A80	CR1202B		
44C001-4B	CR1013B	645143-92	CR1066B	07-28777-609	CR1253B	42-90467A81	CR1006B		
44C001-4C	CR1014B	645143-102	CR1069B	07-28777-610	CR1254B	42-90467A82	CR1007B		
44C001-5	CR1253B	645143-103	CR1204B	07-28777-645	CR1052B	42-90467A83	CR1008B		
		645143-104	CR1104B	07-28777-694	CR1051B				
		645143-107	CR1301B	07-28815-498	CR1062B	<b>RCA</b>		144258	CR1253B
		645143-110	CR1105B	07-28815-513	CR1151B	144259	CR1106B		
		645143-152	CR1460K*	07-28815-514	CR1152B	144260	CR1051B		
		645143-153	CR1460K*	07-28815-515	CR1351B				

\* This individual belt is contained in the listed belt kit.



## Video Heads

## Dual-Head VHS



CR1501H



CR1502H



CR1503H



CR1504H



CR1505H



CR1506H



CR1508H

## Four-Head VHS



CR1526H  
CR1527H



CR1528H  
CR1529H



CR1530H



CR1540H      CR1541H

## Dual-Head Beta

### Replacement By VCR Brand Name

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
<b>Akai</b>		F748	CR1505H	1CVD4021X	CR1506H	1147-4715	CR1505H
V2001A420A	CR1508H	F749	CR1505H	1CVP2020X	CR1504H	1172-7500	CR1506H
VC30US	CR1508H	G748	CR1505H	1CVP2022V	CR1504H	1191-8927	CR1529H
VC310S	CR1508H	G750	CR1527H	1CVP3022X	CR1506H	1218-1079	CR1506H
VC60US	CR1508H			1CVP3024X	CR1506H	685-5001	CR1501H
VP730	CR1508H	G751	CR1504H	1CVP4022X	CR1506H	685-5003	CR1501H
VP7300U	CR1508H	HV729	CR1505H	1CVP6020X	CR1506H	685-5004	CR1501H
		HV749	CR1505H	1VCR0002W	CR1501H	685-5005	CR1501H
		HV751	CR1505H	1VCR0005W	CR1501H	685-5006	CR1503H
		HV753	CR1505H	1VCR4002X	CR1506H	685-5007	CR1503H
<b>Cannon</b>		HV754	CR1528H	1VCR4012X	CR1529H	685-5008	CR1501H
VR-10A	CR1506H	NV773	CR1506H	1VCR4016X	CR1529H	685-5010	CR1501H
		VH5020RW	CR1503H	1VCR5002X	CR1506H	685-5012	CR1505H
<b>Curtis Mathes</b>		VH5150	CR1503H	1VCR5003X	CR1506H	685-5511	CR1501H
16A048-019	CR1501H	VH5250	CR1503H	1VCR5004X	CR1506H	686-5009	CR1504H
16A048-027	CR1503H	VH5300	CR1503H				
16A048-029	CR1505H	<b>GE</b>		1VCR5010X	CR1506H	686-5010	CR1505H
16A048-031	CR1527H	EP41X34	CR1501H	1VCR9000W	CR1501H	686-5011	CR1505H
17XVEHS0032	CR1506H	EP41X62	CR1501H	P-6020X	CR1506H	686-5012	CR1505H
17XVEHS0032C	CR1506H	EP41X104	CR1504H	<b>Hitachi</b>		686-5013	CR1505H
C648	CR1501H	EW41X34	CR1501H	5458101	CR1508H	686-5018	CR1528H
C648R	CR1501H	EW41X104	CR1504H	VT3000H	CR1508H	686-5019	CR1506H
C718	CR1501H	EW41X148	CR1506H	VT3500H	CR1508H	686-5020	CR1505H
C722	CR1501H	EW41X200	CR1529H			686-5021	CR1505H
D722	CR1501H	EW41X245	CR1506H			686-5030	CR1506H
D729	CR1503H	EW41X512	CR1502H	<b>JC Penney</b>		686-5032	CR1506H
F735	CR1504H	1CVD2021X	CR1504H	1040-0430	CR1528H	686-5037	CR1529H
F736	CR1505H	1CVD3020X	CR1506H	1143-8322	CR1504H	686-5038	CR1529H
F737	CR1527H	1CVD4020X	CR1529H	1147-4615	CR1505H	686-5041	CR1506H
F740	CR1505H						



# Video Heads — Replacement By VCR Brand Name (cont'd)

Part Number	ECG Replacement	Part Number	ECG Replacement	Part Number	ECG Replacement	Part Number	ECG Replacement
686-5042	CR1529H	VR8310BK01	CR1505H	<b>Olympus</b>		PV1225	CR1506H
686-5050	CR1506H	VR8315BK01	CR1505H			PV1225A	CR1506H
686-5060	CR1506H	VR8316BK01	CR1505H	VC-101	CR1506H	PV1230	CR1506H
686-5086	CR1506H	VR8318BK01	CR1505H	VC-1014	CR1529H	PV1231M	CR1506H
686-5503	CR1504H	VR8320BK01	CR1505H	<b>Panasonic</b>		PV1231R	CR1506H
686-5504	CR1504H	VR8320BK02	CR1505H			PV1265	CR1505H
686-5507	CR1504H	VR8325BK01	CR1505H	VEH0068	CR1502H	PV1270	CR1505H
<b>JVC</b>		VR8327BK01	CR1528H	VEH0070	CR1501H	PV1270X	CR1505H
		VR8330BK01	CR1505H	VEH0104	CR1502H	PV1275	CR1505H
PU20850A	CR1530H	VR8330BK02	CR1505H	VEH0107	CR1505H	PV1275X	CR1505H
PU20850D	CR1530H	VR8335BK01	CR1505H	VEH0116	CR1502H	PV1280	CR1505H
PU31332	CR1508H	VR8340BK01	CR1527H	VEH0117	CR1505H	PV1300	CR1505H
PU31332A	CR1508H	VR8345BK01	CR1527H	VEH0124	CR1502H	PV1310	CR1505H
PU31332B	CR1508H	VR8346BK01	CR1528H	VEH0144	CR1529H	PV1320	CR1506H
PU31332E	CR1508H	VR8350BK01	CR1504H	VEH0148	CR1506H	PV1321	CR1506H
PU31332H-11	CR1508H	VR8355BK01	CR1504H	VEHS0002	CR1503H	PV1322	CR1506H
PU31332L	CR1508H	VR8356BK01	CR1506H	VEHS0008	CR1526H	PV1331R	CR1506H
PU31332M	CR1508H	VR8376BK01	CR1504H	VEHS0009	CR1504H	PV1370	CR1505H
GX-330	CR1508H	VR8377BK01	CR1504H	VEHS0011	CR1505H	PV1370X	CR1505H
GX-380	CR1508H	VR8380BK01	CR1506H	VEHS0011A	CR1505H	PV1400	CR1505H
GX-660	CR1508H	VR8382BK01	CR1506H	VEHS0015	CR1527H	PV1470	CR1505H
HP400	CR1508H	VR8400BK01	CR1506H	VEHS0032	CR1506H	PV1480	CR1505H
HR2200	CR1508H	VR8402BK01	CR1506H	VEHS0032A	CR1506H	PV1500	CR1501H
HR3300U	CR1508H	VR8405SL01	CR1506H	VEHS0037	CR1528H	PV1510	CR1528H
HR3310	CR1508H	VR8408SL01	CR1506H	VEHS0037A	CR1528H	PV1520	CR1529H
HR3500	CR1508H	VR8415SL01	CR1506H	VEHS0052	CR1529H	PV1520M	CR1529H
HR3600AU	CR1508H	VR8416SL01	CR1506H	VEHS0052A	CR1529H	PV1550	CR1505H
HR3750	CR1508H	VR8418GY01	CR1506H	VEHS0071	CR1506H	PV1560	CR1529H*
HR4000	CR1508H	VR8430BK01	CR1529H	VEHS0071A	CR1506H	PV1561	CR1529H*
HR4100U	CR1508H	VR8440BK01	CR1529H	VEHS0116	CR1529H*	PV1562	CR1529H*
HR4110	CR1508H	VR8450BK01	CR1506H	NV310	CR1505H	PV1563	CR1529H*
HR6500U	CR1530H	VR8451BK01	CR1529H	NV1000A	CR1501H	PV1565	CR1529H*
HR6700U	CR1530H	VR8462BK01	CR1529H	NV2200	CR1501H	PV1600	CR1503H
HR7650U	CR1530H	VR8470BK01	CR1506H	NV3000	CR1505H	PV1620	CR1529H
HRD120	CR1530H	VR8471BK01	CR1506H	NV3200	CR1505H	PV1620M	CR1529H
HRD120UM	CR1530H	VR8480BK01	CR1529H	NV3300	CR1505H	PV1650	CR1526H
HRD130	CR1530H	VR8481BK01	CR1529H	NV3400	CR1502H	PV1710	CR1528H
HRD130U	CR1530H	VR8500SL01	CR1506H	NV3500	CR1505H	PV1720	CR1529H
HRD130UM	CR1530H	VR9550AT01	CR1529H*	NV3700	CR1505H	PV1750	CR1527H
HRD131	CR1530H	VR9555AT01	CR1529H*	NV5000	CR1502H	PV1770	CR1527H
HRD131UM	CR1530H	<b>Marantz</b>		NV5500P	CR1502H	PV1780	CR1528H
HRD225U	CR1530H			NV6000	CR1502H	PV2100	CR1501H
HRD225UM	CR1530H	VR200	CR1540H	NV6200	CR1502H	PV2200	CR1501H
<b>Kenwood</b>		<b>Mitsubishi</b>		NV6500	CR1502H	PV2600	CR1503H
				NV6600	CR1502H	PV3000	CR1504H
KV903	CR1530H	HT7000	CR1508H	NV8110	CR1502H	PV3100	CR1504H
KV905	CR1530H	HV100	CR1508H	NV8150	CR1502H	PV3100M	CR1504H
<b>Magnavox</b>		HV1100	CR1508H	NV8160	CR1502H	PV3200	CR1504H
		HV1500	CR1508H	NV8170	CR1502H	PV3200X	CR1504H
7044250004	CR1505H	HV1900	CR1508H	NV8200	CR1502H	PV4000	CR1504H
7044250077	CR1506H	HV2100	CR1508H	NV8300	CR1502H	PV4100	CR1504H
7044250206	CR1501H	HV2150	CR1508H	NV8310	CR1502H	PV4500	CR1504H
7044250275	CR1503H	HV2200	CR1508H	NV8320	CR1527H	PV4510	CR1504H
7044250318	CR1504H	HV3300	CR1508H	NV8400	CR1502H	PV5000	CR1506H
7044250388	CR1527H	HV3350	CR1508H	NV8410	CR1502H	PV5110	CR1506H
7044250550	CR1528H	HV7000	CR1508H	NV8450	CR1505H	PV5111	CR1506H
7044250706	CR1526H	<b>Montgomery Ward</b>		NV8460	CR1505H	PV5200	CR1506H
7044250847	CR1529H			NV8600	CR1502H	PV5400D	CR1506H
7044251153	CR1506H	63-10518	CR1505H	NV8650	CR1505H	PV5500	CR1506H
7096110130	CR1529H*	63-10520A	CR1504H	NV8700	CR1505H	PV6000	CR1529H
70C003-22	CR1501H	63-10524	CR1504H	NV8750	CR1505H	PV6110	CR1529H
70C009-31	CR1503H	GEN-10518	CR1505H	NV8760	CR1502H	PV6500	CR1529H
70C011-2	CR1526H	GEN-10520	CR1505H	NV8800	CR1502H	PV6600	CR1529H
VH8200BR01	CR1501H	GEN-10521A	CR1504H	PV1000	CR1501H	<b>Philco</b>	
VJ8220BR01	CR1501H	GEN-10522A	CR1504H	PV1000A	CR1501H		
VJ8225BR01	CR1501H	<b>NEC</b>		PV1100	CR1501H	07-28777-711	CR1501H
VK8222BR01	CR1503H			PV1120	CR1502H	07-28816-477	CR1503H
VK8227BR01	CR1503H	79V20301	CR1530H	PV1200	CR1503H	07-28817-505	CR1504H
VK8229BR01	CR1526H	N-830	CR1530H	PV1200X	CR1503H	07-28977-506	CR1505H
VK8251BR01	CR1501H	N-831EC	CR1530H	PV1210	CR1505H	07-46100-602	CR1527H
VK8252BR01	CR1501H	N-831EU	CR1530H	PV1210X	CR1505H	V1000	CR1501H
VK8255BR01	CR1501H	N-833EU	CR1530H	PV1220	CR1506H	V1001QBK01	CR1505H
VK8257BR01	CR1503H			PV1220M	CR1506H	V1002SSL01	CR1506H
VR8306BK01	CR1505H			PV1222	CR1506H	V1003SSL01	CR1506H
				PV1222A	CR1506H	V1010	CR1505H
				PV1224	CR1506H		

\* May not be an exact mechanical or electrical equivalent. However, it will provide an acceptable substitute in the majority of typical applications.



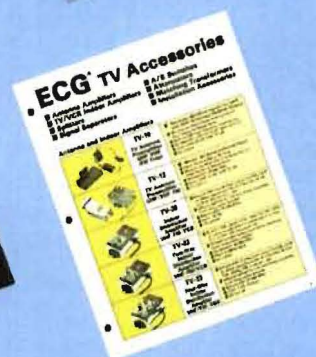
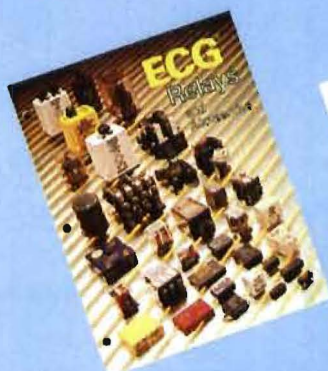
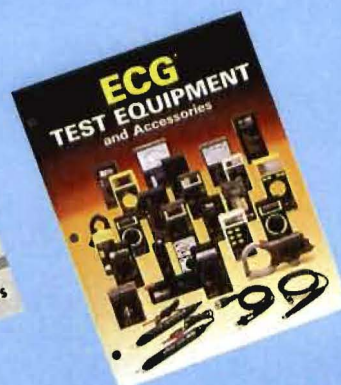
### Replacement By VCR Brand Name (cont'd)

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